# je Kining Iournal, OMMERC

FORMING A COMPLETE RECORD OF THE PROCEEDINGS OF ALL PUBLIC COMPANIES.

[The MINING JOURNAL is Registered at the General Post Office as a Newspaper, and for Transmission Abroad.]

1986.—Vol. XLIII.

LONDON, SATURDAY, SEPTEMBER 13, 1873.

SUPPLEMENT. PRICE ..... FIVEPENCE. THOMAS

AMES CROFTS, STOCK AND SHARE BROKER, No. 1, FINCH LANE, CORNHILL, LONDON, E.C. (ESTABLISHED 1842).

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BUSINESS in EMMA, FLAGSTAFF, TECOMA, LAST CHANCE. Is can addise whether to buy or sell the above.

DINAS shares should be bought at present cheap quotations.

ee of commission. Bankers: National Provincial Bank of England, E.C.

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H O W (Post free 13 stamps).
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JOHN RISLEY, STOCK AND SHARE BROKER, 77, CORNHILL, LONDON.
rebor, Treleigh Wood, and Wheal Grenville Mines specially recommenstres in all probability will advance in price many hundreds per months hence.

HENRY MANSELL, STOCK AND SHARE DEALER, 14, GREAT WINCHESTER STREET, LONDON, E.C. processioned the purchase of the following:—

J. Tecoma, Flagstaff, and Emma shares at the present very low prices.

. WILLIAM WAA I (Late WARD and LITTLEWOOD), BY HOUSE, 95, BISHOPSGATE STREET WITHIN, E.C., ALL KINDS of STOCKS and SHARES, for eash or the accord WARD

THOMAS THOMPSON, JUN., 1, PALMERSTON BUILDINGS, BISHOPSGATE STREET, LONDON, E.C. able hints as to the purchase of mining shares will be found in Mr. a "Investment Circular" for September now ready, post free, price 6d.

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Bankers: National Provincial Bank, Bishopsgate-street.

DICCATH.—Attention is directed to the report of this mine in this day's wand; it will shortly prove to be one of the best mines in the country.

Bal is still producing splendid tin and copper ores. The mine will cerous a prize before long.

BR. PENSTRUTHAL, VAN CONSOLS, and GREAT WEST VAN strongly redd.

YN will be glad to quote prices and give reliable information about the

ENNA & CO., STOCK AND SHARE BROKER, 5, UNION COURT, OLD BROAD STREET, E.C.

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20 Ladywell, £34.

20 Ladywell, £34.

20 New Quebrada, £34.

20 New Quebrada, £34.

20 New Rosewarra, £38.

21 Sewfoundland, £9.

22 Van Consols, 6f. w.

23 Van, £38.

24 Van, E38.

25 Pennerley, 358.

26 Van Consols, £4½.

20 Wheal Mary, £4½.

20 Wheal Whisper.

20 Wheal Wary, £4½.

20 Wheal Whisper.

20 Wheal Wary, £4½.

20 Wheal Crebor, 3s. 9d.

30 West Equir Lie.

20 Wheal Wary, £4½.

20 Wheal Crebor, 3s. 9d.

30 West Gorland.

30 West Gorland.

40 Perkins Beach, 9s.

40 Perkins Beach, 9s.

40 Richmond, £7½.

41 Nochhope, 34s. 9d.

40 Roman Gra., £19½.

41 Nochhope, 34s. 9d.

42 Wheal Start, £1½.

43 West Tolgus, £36½.

45 W. Tankerville, £33.

45 West Maria, 5s. 9d.

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ST ESGAIR LLE shares should be secured; see detailed report.

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neroft, £47½; 50 South Roman Gravels; 125 Gwin Elan, 7s. 6d.; 50

obtain; 60 Hingston Down, £1½; 20 Wheal Grenville; 70 Pennerley,

rekins been: 75 Bocsawell Downs; 50 Plynimmon, 10s.; 100 Pen
prince of Wales, 5s. 9d.; 45 Trevarrack; 100 St. Breward, 12s. 6d.;

100; 25 West Gwennap, £6; 50 Bampfylde; 300 Gold Run, 6s.; 50

8, £2 36, ; 100 Exchequer; 30 Emma; 40 Tecoma; 130 Rossa

50 Hingstor, 25 Chance; 100 Utah, 31s. 61.; 50 Great Mammoth Cop

10 Bridseye Creek, £2½; 100 Saturn Silver; 40 Flagstaff; 80 Rich
15 Muse.—SPECIAL BUSINESS in these shares either as a BUYER

-SPECIAL BUSINESS in these shares either as a BUYER number and price.

WEEKLY MINING CIRCULAR, EVERY FRIDAY .-LONDON DAILY RECORD, STOCK & SHARE LIST, Every Evening Published by P. WATSON, Stock and Share Dealer, 79, Old Broad-street, E.C. Bankers: The Alliance Bank, and Union Bank of London.

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WHATTO SELECT—WHATTO A VOID.—
BY FREDK. WM. MANSELL,
ENGLISH AND FOREIGN STOCK AND SHARE DEALER,
PINNER'S HALL, OLD BROAD STREET, LONDON, E.C.
The September number (now ready) contains a Comprehensive Review of the
Position and Prospects of the General Investment and Mining Markets, &c.,
which should be read by all shareholders and others interested in such matters.
It also contains many valuable hints to speculators.

\* Differing in every respect from all monthly Circulars, it embodies a large
amount of valuable information, and well deserves being filed for future reference.

- Vide London press.

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28 Tecoma, £2 3s. 9d.
29 Devon Gt. Cons., £1 2/5 New Bolecath.
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20 Penhalls, £2 12s. 6d.
40 W. Godolphin, £2 5s.

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70 Cethur Creek, 38s, 9d, 100 Cldbeck Fells, 9s, 100 Clee Hill Coll., 19s, 6d, 70 Don Pedro, 5 Dolcouth, 15 Devon Consols, 5 East Basset, £12½, 25 East Caradon, 28s, 9d, 40 East Grenville, 7s, 10 East Lovell, £14½, 15 East Van. 65 Excelsior. 65 Excelsior.
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30 Emma, £3½.
60 Exchequer.
40 Flagstaff, £4 11s. 3d.
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80 Great West Van, \$28.
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26 Kansas, 12s.
26 Kansas, 12s.
26 Kansas, 12s.
26 Kansas, 12s.
27 Kansas, 12s.
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29 Last Chance.
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210 Lovell, £4¾.
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50 South Aurora, 15s. 6d.
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100 Tevona, £2 6s.
100 Tevona, £2 6s.
25 Tankerville, £123625 Tankerville, £123626 Tolima, offer wanted.
40 Utah, £28. 80 Tolima, offer wanted.
40 Utah, 228,
45 Unity Wood, 188, 9d,
70 Van Consols, £474,
30 W. Tankerville, £3 88 9
100 West Caradon, 38, 9d,
15 W. Chiverton, £0,
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90 West Pant-y-Go, 58 6d
30 W. Esgair Lle, £334,
25 Wheal Crebor, £3 10s,
50 Wheal Peevor, 15s,
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s, GREAT ST. HELEN'S, LONDON, E.C. MESSES.

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Emma.

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requested to make carly
ROKERS. 1:--Tecoma. West Wheal Gorland. Gold Run. Birusey...
Emma.
Flagstaff.
Gold Run.
Flagstaff.
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Parties wishing to purchase or sell in the foregoing are requested colication.
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BAMPFYLDE,—The value of this property cannot be over estimated; the agent's report in another column thoroughly establishes the fact—read, mark, learn, and ask yourself the question whether there is a mineral property now before the public of equal value for the price of the share. The Bampfylde is speaking for herself by her productiveness in the yield of ore, and that of the richest quality, together with the sales, as well as the financial position, and that likely to be increased by a considerable profit through another and independent source to the extent of 15,7564, which may be held partly for a reserve fund, and to swell the dividend account. Truly, this is the greatest success in mining, especially in the Devon district, since the glory of the Devon Consols, and we question whether this mine will not take the lead of all the copper and iron-producing mines, not only in Devonshire, but Cornwall. They have four points of operation, producing 2½ tons of rich copper ore per fathom in each of them, one other 5 tons of copper ore per fathom; another stope 5 tons of copper ore per fathom, another stope 5 tons of copper ore per fathom, another stope 5 tons of copper ore per fathom in each of them, one other 5 tons of copper father of reaching the riched of the 30 fm. level producing copper ore throughout, yielding from 4 to 5 tons per father or each of the soft o BAMPFYLDE. - The value of this property cannot be over estimated;

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# IMPORTANT TO CAPITALISTS.

s age a dividend of 6 per cent, per annum was considered the aem

A new years ago a gavasem of 5 per cent, per annum was consistered the seme interest on investments, and those who hithertofore had been content to receive their 2½ or even 3 or 4 per cent., wondered how in the name of goodness 6 or even 7 per cent. could possibly be paid. Nay, they had a settled idea that anything ever 5 per cent. was usury and illegal. They had heard of joint stock banks and some extraordinary stock paying 8 and sometimes even 10 per cent.

Of the enormous profits of commerce and of mining in all its branches they had but a very faint conception, however occasionally the monetary world was seized with a panic to obtain shares in some extraordinary mining adventure whose explorers had found the much coveted and desired lode of copper, tin, or lead, which would, and did reward the adventurers, a thousand, aye, hve thousand, fold for their confidence in the undertaking. Nor was it until the new and wise act of our legislature creating "limited liability," that the holders of capital began to awaken from the dormant feeling of being content with a nominal income. They saw their neighbours suddenly becoming rich, and over-stepping them in the monetary world. Nay, they even heard them discuss shares and stock as if they had been brought up to it all their lives. Nor could they believe that their venturesome friends had realised a fortune by risking a pality £10 or £20 note. Yet such is the fact.

Let us refer for a brief space to a few notable instances. commencing with the

Friends had realised a fortune by risking a patry £10 or £20 note. Yet such is the fact.

Let us refer for a brief space to a few notable instances, commencing with the Devon Great Consols. This company, with only 20s, per share paid-up, returned to their subscribers up to last summer dividends amounting to nearly £1200 per share, and it is a notable fact that the shares sero lost sold for as much as £500 each, and even last year commanded £100 each; yet the shares were once sold for a mere bagatelle. Never was there a greater verification of the old adage:

"When shares are low they let them go."

When share in dividends £638, and now realise over £40 each.

South Caradon, with a paid on capital of 25s, per share only, have returned to the proprietors over £700 each stare, and are now commanding upwards of £100 per share in the market.

Minera Mining Company, Wrexham, with £5 paid, have received over £60 each share in dividends, and the market value is now nearly £30 per share.

Lastly, the Yan Mine, in Llanidloes, with £4 5s, paid, are commanding over £40 per share.

But go where we will in any mining district, and we have abundance of evidence

Lastry, the van Mine, in Lianidloes, with £4 5s. paid, are commanding over £40 per share.

But go where we will in any mining district, and we have abundance of evidence of the numerous fortunes that are continually being made out of mining investments, whether it be coal, copper, lead, tin, or iron.

With the foregoing remarks, we now draw the attention of our readers to a new undertaking for working a valuable property on the celebrated Halkin Mountain, near Holywell, in Flintshire, and called

# THE LADY CONSTANCE

Lead Mining Company (Limited), whose prospects of gain are certainly second to none in the kingdom. It appears to be no speculation whatever, as the miners have already been sending to the surface as much as 45 tons of ore per month, and there is now several tons at grass, ready for dressing, and an enormous weight at the bottom of the shaft (see reports in prospectus). We have no hesitation in prognosticating a great future for Lady Constance Mine, which is being brought out under the auspices of Messrs, Grosvenor and Co., the eminent firm of Manchester sharebrokers.

where the anapters of an article and the principal has minutely inspected the property of the above company by going into the workings, and examining the ground in all directions, and they are assured, in all their varied experience of mines, they have seldom seen a finer or greater ore-producing sett.

# THE LADY CONSTANCE LEAD MINING COMPANY (LIMITED).

Incorporated under the Companies Acts, 25th and 26th Vict., cap. 89, and 30th and 31st Vict., cap. 131.

Capital £40,000, in 40,000 shares of £1 each, payable on application Share Warrants to Bearer will be issued, under the provisions of "The Companies Act, 1987," which pass from hand to hand like a bank note, and by which all trouble and expense of making and registering transfers will be avoided.

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JOHN HOSSACK, Esq., Engineer, (Messrs. Shaw and Hossack, Engineers, Openshaw). Mr. BATES CRITCHLOW.

PROSPECTUS.

It is an historical fact that the Principality is one of the most prolific fields from which the United Kingdom derives her vist mineral resources (which are now returned by Her Majesty's Government at over 43,000,000 sterling per annum) and to which her present greatness amongst the nations of the earth may be traced. Enormous fortunes have been, and are now being, made by those who judiciously nives in mining operations. Many of the colossal fortunes of the present day nives he a derive i from a nucleus formed by an investment in an undertaking for he discovery of the precious metals. For instance, the Right Hon. John Bright, and Richard Gooden, et al., whose connection with lying Mines is well known. Many a coroset no. E.g., whose connection with least a succession. That prolific mine, the Viscovia metals are sources.

the Right Hon. John Bright, and Richted Covien, Eagl, whose connection with Dydiffe Mines is well known. Many a coronect now in existence can be trues to the same source. That profide mine, the Van, whose shares could, a little while ago, have been bought for a few shillings, are now quoted at £24 each. History records numerous instances of such gains being made by mining that no other branch of infustry can hope to equal or even attempt to approach. Halkin Mountain has long been known as the depositary of enormous mineral wealth, and the number of both private and public mines now in full operation, and yielding very large returns (to wit, the Great Prince Patrick, which ha a few years yielded over one million sterling to its fortunate subscribers) fully hear out the assertion. It is situated in Flintshire, and rises some 700 or 809 ft, above the level of the sea; the distance from the far-famed Holywell being about 1 mile, or 2½ miles from the railway station of that name.

The Lady Constance Lead Mining Company (Limited) has been constituted for extending the works now going on, and for creating the necessary dressing and other machinery for cleansing the lead ore raised from all that piece of highly metalliferous ground known as the Pullmelyn and Pully-gaseg mining setty, mittated on Halkin Mountain, in the parish of Ysceiliog, near Holywell, in the county of Flint.

The area of the set is almost one mile on the course of four massive and well-known lodes, for particulars of which see the reports accompanying the prospectus of gentlemen of world wide celebrity and sterling practical knowledge. These four famous lodes are crossed by six other famous and well-known or vielding loles, on the junction of which two shafts have been sunk to a depth of 20 fms. each. The first shift, known as Morris, Williams, and Robert's shaft, is only of small dimensions, and not fit for thoroughly working the lodes; nevertheless, the above named men succeeded in raising from 40 to 45 tons of lead ore per month during the sinkin

ield an extraordin ry profit.

wing are the particulars as to date and names of parties to the only coned into by the company; agreement dated the 13th day of July, 1873, the Reverend David Jones, of the one part, and Robert Charles Sharp, shalf of the Ludy Constance Lead Mining Company (Limited), of the

ed are Messra. Grosvenor and Co., that this is one of the good things ed to the public, that they strongly advise their clients and friends to at ordered to the public, that they strongly advise their clients and friends tapply for shares, as they believe that in a very short time they will quadruple ue, and that dividends equal to 50 per cent, may be fully relied on.

Applications for shares, accompanied by a remittance of £1 per share, to be made to the secretary; or the brokers, Mesars. Grosvenor and Co., sharebrokers, \$8, Portland-street, Manchester.

CORNISH MINING.—To show the importance of consulting

eated where at their highest range the uninitiated wore especially should act on independent authorities. As a rule, market dell's and brokers are the worst atvisers, for they are very often wholly influenced syllae surfuce currents of events. Consultation fees, or Selected List of securities. Attendance 12 to 3 o'clock. Dolocath, from 241 down to 450, and divideds from 504 12s. do, annually to 15 quarterly. Theroft, from 24 to 24 quarterly, and the price of shares from 241 to 250; Trumpet, from 24 to 25 and 27; Van Conols, from 29 to 25; Providence, from 220 to 25 and 27; West Frances. West Schon, Cook's Kitchen, Levon, North Levant, Wheal Basset, South Condurrow, and Herodsfoot, from dividend to non-dividend mines, and, in instances, greater fluctuations have transpired. Each of these mines present different and peculiar estures, which those practically conversant with mining can alone explain. Every information and data supplied to intending investors upon application by ared. Each or these with mining can assume the practically conversant with mining can assume the property of t

Italian, Egyptian, Turkish, and Spanish Bonds rangs from 3 to 15 per cent.

# THE BRYNKINALT COLLIERIES

(LIMITED).

Incorporated under the Companies Act, 1832, whereby the liability of the shareholders is limited to the amount of their shares. Capital £60,000, in 12,000 shares of £5 each,

Fully paid-up.

HARRINGTON OFFLEY SHORE, Esq., J.P., Lindridge House,

HARRINGTON OFFLEY SHURE, Esq., J. J., Bland Desford, Leicester, WILLIAM BURTON, Esq., Ruabon, Denbighshire, OFFLEY BOHUN SHORE, Esq., Lengford Park, Maldon, Essex, Director of Dylife Lead Mines.

Rev. JOHN BROWNE, M.A., J.P., United University Club, Suffolk Street, Pall Mall, Director of Dylife Lead Mines.

PETER WATSON, Esq., 79, Old Broad-street, London, E.C., Director of Great Laxey Lead Mines, Tankerville Lead Mines, Delife Lead Mines, &c.

THE ALLIANCE BANK (Limited); and Messrs. CROXON, JONES, CROXON and CO. (Old Bank), Oswestry.

Messrs. SOUTHGATE and WATSON, 7, King's Bench Walk, Temple, E.C. SECRETARY-JAMES BROWN.
OFFICES-79, OLD BROAD STREET, LONDON, E.C.

This company has been formed for the purpose of acquiring the property known is the Brynkinalt Collieries, situate at Chirk, near Rusbo., Denbighishire, and near he Chirk Station, of the Great Western Railway, and the Shropshire Union Canal; ogether with the leases, engines, machinery, plant, and materials appertaining hereto, and for greatly extending both the area and the development of the ame.

same.

The acreage of the old portion of Brynkinalt sett is about 149 acres, and that of the new ground will be about 668 acres, making a total area of about 815 acres; but, of this about 27 acres are to be left as a pillar for the support of Brynkinalt Hall and grounds, the ancient seat of Lord Arthur Edwin Hill-Trevor, M. P.

The property is situated in the very centre of and surrounded by a valuable and well proved coal field—the Black Park Colliery, adjoining on the north side of Brynkinalt, being in full working operation, and raising about 300 tons of coal daily, whilst the newly-acquired ground is contiguous to the Moreton Hall Colliery, which is also in full operation, and yielding also large returns to the proprietor; the Iftou, Quinta, Prys-Gwyn, and other collieries are also close by.

# THE PANT-Y-MWYN LEAD MINING COMPANY (LIMITED).

Incorporated under the Companies Acts, 1862 and 1867. Capital £60,000, in 30,000 shares of £2 each, Of which 5000 are appropriated as hereinafter mentioned.

Payments—10s. per share on application: £1 on allotment. The remainder to be paid in calls as required.

The whole amount may be paid-up, and share warrants can be issued at the option of the applicant. If no allotment is made, the deposit will be returned in full.

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JAMES CHANT, Esq., 8, Victoria-chambers, Victoria-street, London.
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JAMES YELLAND, Esq., Pontesbury, Salop.
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RICHARD WATERS, Esq., The Llan, Church Stoke, Montgomery-

With power to add to their number

THE NORTH AND SOUTH WALES BANK, James street, Liverpool, and Mold. SAMUEL PEELING BRABNER, Esq., 40, North John-street, Liverpool.

SAMUEL PEELING BRABNER, EST, AUDITOR.
GEORGE EDWARD HOLT, Esq. Union Court, Castle-street, Liverpool.
SECRETARY.
EDWARD ROBERTS, Esq., Commerce court, 13, Lord street, Liverpool.

Captain WILLIAM WASLEY, Vronheulog, near Mold.

PROSPECTUS.

PROSPECTUS.

This company is formed for the purpose of working an extensive and valuable mineral property, extending over an area of about 1500 acres, advantageously situated in the parishes of Gwernaffield and Cilcen, within 2½ miles of the town of Mold, in the county of Flint, and is surrounded by some of the richest mines in the Principality.

It will be seen from the accompanying reports that the property was formerly worked by a company called the Mold Mines, and was abandoned by that company some years ago, in consequence of a succession of wet seasons and inefficient machinery, which rendered the drainage of the mine difficult; and that there are several time well-known and valuable courses of ore passing through the entire length of the property, and the lodes are not only of unusually great promise, but the geological conditions are such as to leave no doubt that the mine will yield immense returns to the properteyrs.

The setts are held under the lords of Mold. Squire Cook. Capatia Direction 1500.

consequences to the proprietors.

e setts are held under the lords of Mold, Squire Cook, Captain Phillips, the
Mr. Davis, Mr. Edward Jones, and others, at the low royalty of 1-16, for the
1 term of 21 years. An agreement has been entered into under which the
s of these properties for the term of 21 years, together with all the whims,
lings, &c., on the land are to be acquired, in consideration of an allotment of

analog mining property before the public, making the sett one of vast importance, as it embraces a length of about 2 miles on the course of the lode east and west, and about 1 mile wide north and south, being one of the largest and best mineral properties in North Wales.

# PANT Y.MWYN.

To the directors of the Panty-Mwyn Mining Company (Limited)

NYLEMEN,—This property is situated within three miles of Mold. The mining

to very extensive, being over two miles in length and hearly one mile in width,

see entire ground is traversed by large and well defined lodes; from most of

large quantities of ore have been returned above the adit or day level. The en returned y Mesers. John 12, dy Mesers. John 12, dy Mesers. John 12, dy Mesers. He helow its present price, and the first of Mr. Taylo and the mesers of Modlyn and the mesers of Modlyn to the west of Modlyn down about

in depth. The adit level has been driven about 1.0 yards to the shaft, and at several points good ore has been found; depth only

Ix your machinery at Pant-y-Mwy I consider you will be well remuner munerated for your outlay.

Pant-y-Mwyn Mine, August 23, 1873.

Pant-y-Mwyn Mine, August 23, 1873.

GENTLEMEN.—Having been invited to inspect and rejort upon this mine. I have pleasure in submitting to you the result of my examination. The mine is situate about three miles to the west of the town of Molit.

The sett, which in years gone by has been proverbial for its richness, is upwards of 2½ miles in length and 1 in breafth, is divided into two sections—viz., Pant y-may and Modiyn, the former, some years ago, yielded immense quantities to the death of 50 fathoms below the adit level, leaving fine courses of ore at different on the mornings, of course, being immediately the mine is defined of w.ter.

The workings, of course, being immediately, not ing could be seen below the adit. The adit is taken up at the extreme castern boundary from the Alun River, and is extended two miles through the centre of the property, draining the whole to the district now for more than 25 years, this section itself is sufficient for any mine, and is without a doubt a valuable piece of mineral ground.

The Mollyn section has lately been acquired, and adjoins the Pant-y-Mwyn to the west, is drained by the same deep adit, and traversed by the same lodes, identical in character and composition with the principal lead producing lodes in the neighbourhood. Up to the present but little has been done below the adit, but whenever trials have been made success has followed, the lodes yielding rich lead

ore, and indicative of increasing productiveness as depth is attained. This, a were unable to do in consequence of water.

Two shafts have been sunk and communicated with the adit —vir. Modhating by a ferrifith stront plot to 200 yards apart; the latter is in course of shaing by the pare of men, and is down 7 yards below the level. The lode is found to 100 yards below the level. The lode is found to 100 yards below the level. The lode is found to 100 yards of the strong see a special to 100 yards, the ground is easier, and some very good stones of or acceptable bottom; the ground is easier, and some very good stones of or acceptable to shak the sunder the lead gone down the strong see and 20 yards, then drive out east and west under the lead gone down the sain this level is extended 133 yards west of this shaft, the lode in the forebreast is 4ft will be yards, the contact of time. The acquisition of this section is most important, there being every probability of regular returns of ore being made.

The acquisition of this section is most important, there being every probability of regular returns of ore being made.

The country rock is timestone, similar in analogy to the old Minera, Talagon, and other established miners in Flintshire, and I hesitate not to endors my former opinion that in Pant-y-Mwyn you have one of the best mineral properties loss.

W. T. HARRIS, Bog and Pennerey Miss.

Principality.

W. T. HARRIS, Bog and Pennerley Mines.

Pant-y-Mwyn Lead Mine, near Mold, Flintshire, August 23, 1872.

Pant-y-Mwyn Lead Mine, near Mold, Flintshire, August 23, 1872.

And beg to inform you that I consider your prospects here are very good. If there is a short time and w-th small outlay.

The main lode, on which the adit (or day) level is driven, is very strong and well defined, varying in width from 3 foet to 9 feet, composed of carbonate of line (suns as we get the lead in in the Shropshire mines), in which there are soften as we get the lead in in the Shropshire mines), in which there are side of the feet of feet, composed of carbonate of line (suns as we get the lead in in the Shropshire mines), in which there are side of the feet of feet of feet, composed of earlounded fine (suns as we get the lead in in the Shropshire mines), in which there are side of the feet of feet of feet, composed of earlounded fine (suns as we get the lead in in the Shropshire mines), in which there are side place or in the hard part of the lode. The best places in the back and patches of lead level have been wrought by former workers, which is clear evidence of its value.

In the bottom of Griffith's shaft, now in course of sinking below the sail; real, (7 yards) at present, showing signs of softness, and yielding fine some softled and put ladderway in Griffith's shaft down to the level, and a did level, divide and put ladderway in Griffith's shaft down to the level, and a did level, divide and put ladderway in Griffith's shaft down to the level, and a mental shaft 7 yards below the level, you ought not to be more than a few down with the shaft down to a 40 yard level, and then drive out east and were lower with the shaft down to a 40 yard level, and then drive out east and were lower with the shaft down to a 40 yard level, and then drive out east and were lower with the shaft down to a 40 yard level, and then drive out east and were lower with the shaft down to a 40 yard level, and then drive out east and were lowe

Central Snailbeach, near Minsteley,

PANT-Y-MWYN.

Lianerchymor Lead Works, Aug. 27, 1572.

Gentlemen,—The lead mining district, of which the above mines are a par, has been eminently well known to me for at least 21 years, as one of, if not has been eminently well known to me for at least 21 years, as one of, if not have inferous limestone.

The enormous yield of the Hendre, Rhosesmor, Maesysafn, Lianarmon, and the Panty-Myn Mines have been proverbial for the last generation. And really would appear a phenomenon in geological pursuits should such strata, besing such strong mineralogical outliness, with such a multiplicity of fine lodes and sections, be found non-productive, and that of the richest metallic deposit that as the discovered in the limestone. While taking into consideration the view of several mining authorities of considerably higher merit than myself, I cannot find that with such wholesome indications you can in any way err, providing that you pursuits are carried on energetically, and with the talent and application of the keen-eyed practicals I met at the mines on Saturday last.

On referring to the ore books, I find that the lode on which Griffith's shaft now being sunk has yielded some thousands of tons of rich ore, producing from 77 per cent. to 80 per cent. of lead, and containing from 6 to 7 ors. of the silver the 20 ext. of metal, and as the said lode again carries such unmistakeable indictions all along it for 133 yards, and which I carefully examined, I cannot reasoned anything surer to further your interests than to continue the sinking, and to drive along the vein too prematurely, and eventually you will most unobledy find the permanent capacity of the lose materially stronger in its yield of metalls minerals in depth.

HENRY WILLIAMS, N.A.I.

THE PANT-Y-MWYN LEAD MINING COMPANY (LIMITED).

# THE PANT-Y-MWYN LEAD MINING COMPANY (LIMITED).

THE PANT-Y-MWYN LEAD MINING COMPANY (LIMITED).

GENTLEMEN,—In handing you my report of the annual general meeting of it shareholders, I beg to say that since the commencement of operations, on the last August last year, the following work has been done, viz.:—The water course fee the River Alnu up to the day or adit level has been cleared 70 yards, and the da level cleared and put in first-class repair, towards Taylor's shaft, 60 yards, a Modlyn Mine we have put new iron stave ladders in Griffith's shaft from suface to the day level 100 yards, cased and divided the shaft for the same distance, as put it in thorough repair. We have cleared and repaired the day level, wet of Griffith's shaft, up to the end 135 yards, and cleared and repaired it esst of the shaft 40 yards, and repaired it in several other places. We have cut lodge stike shaft 40 yards, and repaired it in several other places. We have cut lodge stike the day level; put up taskle, fixed hand pump in the shaft, &c. The shaft is now being sunk by eight men, and when it is 15 yards deeper I intend to drie both the day level; put up taskle, fixed hand pump in the shaft, &c. The shaft is now being sunk by eight men, and when it is 15 yards deeper I intend to drie both the day level; put up taskle, fixed hand pump in the shaft, &c. The shaft is now being sunk by eight men, and when it is 15 yards deeper I intend to drie both the day level; put up taskle, fixed hand pump in the shaft are say being sunk by eight men, and when it is 15 yards deeper I intend to drie both for the lode in sinking, but how much whiler it is I cannot say; but when the least it fown 20 yards I purpose to cross-cut to the hanging wall. It is composed of par, with a little ore, and, from its very favourable appearance, I am strongly of sinks that we shall soon out into a fine course of ore; and as soon as we get the saft flown 20 yards, and drain the water from all the little sumps along the bottom die day level, we shall be able to make large returns of ore.

The lode form one end

he feet of there dready being 31 shareholders in the the miaes, holding 7.5 shares, shows the general WILLIAM WASLEY.

# TYLLWYD SILVER-LEAD MINING COMPANY (LIMITED).

Capital £12,000, in shares of £1 each; working capital, £7000. Share warrants to bearer issued if required

Special report made for Harland and Co., by Capt. RICHARD HARVEY, the

Special report made for Harland and Co., by Capt. RICHARD HARVEY, the manager of West Eggir Lie.

June 4.—I have carefully inspected this mineral property, both at surface and underground. This mine is situated about 7½ miles from the shipping pot of Aberystwith, with a good road leading to the same. The sett is about one mile in length, and upwards of ½ mile in breadth; through it run three parallel lods, underlying south about I foot in a fathom. The stratum in which these lode are embedded is clay slate, being identical with that of the rich mines surrounding—Frongach, Goginan, and the Lisburne Mines. The lodes run eastwards hoto all about 150 fathoms high. At the base of this hill a level has been driven east on the course of the south lode about 30 fathoms, from which a great quantity of lead ore has been raised and sold—without the aid of machinery. The old me worked the bottom of this level for a few fathoms, but were obliged to abandon it in consequent of the water being too quick for manual abour. In sinking an engine-shaft from surface on the course of this lode, and to communicate with this level, I was much surprised to see such fine rocks of ore being broken only 6 fathoms from surface. This indeed is most encouraging, as this point is far eastward of any other workings, and is entirely in virgin ground. At the entrance of the adit level a shafthabeen sunk on this lode about 19 fathoms, where a good course of ore exists; in fathe last 2 fathoms sunk produced upwards of 2 tons of clean ore. The ewe engage shaft is coming down from surface in a good lode upwards of 30 fathoms to the adit and a level extended to the old shart, you cannot, in my opinion, fail in opening out rich stoping ground; in fact there is every indication of it now as the lode widens and improve as depth is attained. As the levels are extended eastward considerable backs would

The middle lode is about 14 fathoms north of the south lode. A level has been figured into the hill on its course about 120 fathoms, and from the great quantity figured taken away it is evident that large piles of one have been extracted, and from present appearances I should recommend this end being driven. A good dail the bottom of this level has been worked away by tributors, the men having armed good wages—a fact which speaks for itself, they having had at that times anchimery for the dressing of the ore. North Lode: Little has yet been done on this lode, which is from 3 to 4 feet with the properties of the description of the de

which, when the new machinery is erected, can be made marketable at a great profit to the shareholders.

I consider the local advantages of this property to be everything that consider the local advantages of the mine clearly, and to any extension and the construction of the mine clearly, and to any extension and the construction of the mine clearly, and to any extension and the construction of the mine clearly and to any extension of the mine clearly.

I consider the local advantages of this property to be everything that converged the convergence of the mine cleaply, and to any extent—thang the command of the River Rheidol, whence a never failing supply of water on the contract of the very for all requisite machinery. The necessary beings for machinery, &c., are being pushed on with the utmost dispatch. I cannot but add in conclusion that this mine will, in my opinion, prove a manness, and richly reward its fortunate propriet rs.

HARLAND AND CO. strongly advise early investment in these shares. They have themselves carefully examined the property, and here would deliberately express their conviction that these shares will command a very high premium before the end of this year.

Further particulars on application

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T. P. T. offers his services to private parties and public companies in advising inspecting, and reporting upon the mines in Wales, with which he has been protected as a parameter of the last twenty-five years.

Father desirons of taking an interest in the LLWYN TEIFY LEAD MINING COMPANY (Limited), just registered, may obtain shares and every information as to the mines by applying to him at the above address.

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population application: £2 on Allotment. No calls to exceed £1 per

population application in £2 on Allotment. No calls to exceed £1 per

population in £2 on Allotment. No calls to exceed £1 per

population in £2 on Allotment. No calls to exceed £1 per

population in £2 on Allotment in £2 on All

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seemany has been formed for the purpose of collecting and supplying to the Press, and the mercantile community, a general and complete of the Press, and the mercantile community, a general and complete of the press. The Angle Continental Telegram Agency (Limited).

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projections of the company of which will produce a large revenue:—
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# INCREASED VALUE OF WATER POWER.

EXTRAORDINARY ADVANCE in the price of coals has XTRACHDINAKY ADVANCE in the price of coals; years it has been, to a great extent, neglected and undervalue bjection to it has been the variable nature of most streams in the saing abundance of water during the winter half-year, and very leason. No.kind of wheel hitherto known has been able to give ortion of power from the smaller quantities of water, so that it been very generally to use steam entirely during the summer half of the water go to waste. This is now completely prevented, and power can be obtained from a stream at every season by using VARIABLE TURBINE.

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This whel (which is now largely in use in England, Scotland, and Ireland) is salyone yet invented which gives proportionate power from both large and adjustities of water. It can be made for using a large winter supply, and good with equal efficiency through all variations of quantity down to a fifth, good with equal efficiency through all variations of quantity down to a fifth, greatest frequired. It is easily coupled to a steam-engine, and, in this way, may satisfait by whatever amount of power the water is capable of giving, and, the wave on much fuel.

o much ruct.

applicable to all heights of fall. It works immersed in the tailcort of the fall is lost, and the motion of the wheel is not affected

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burns, apply to Capt. ABSALOM FRANCIS, as above.

# Registration of New Companies.

The following joint-stock companies have been duly registered:-

The following joint-stock companies have been duly registered:—
LLYNCLYS UNITED LEAD, COPPER, AND OXIDE MINING COMPANY (Limited).—Capital 12,000., in 2.4. shares. Por the acquisition of the Llynclys Mine, in the parish of Oswestry, Shropshire. The subscribers are—James Yelland, Pontesbury, 10; John Job, Ministerley, 10; H. C. Baddelley, Pontesbury, 10; Thomas Davies, Hemford, Salop, 10; J. Hallamore, Shrewsbury, 5; Enoch Parry, Minsterley, 5; and W. Boustead, Pontesbury, 5.

SIR JOHN MOORE GOLD MINING COMPANY (Limited).—Capital 70,000/. in 2t. shares. To purchase the lease of the Sir John Moore Gold Mine, situate at Chambers Creek, Tambaroora, New South Wales. The subscribers (who take one share each) are—C. J. Purlonger, 1, Cusilon-court, Old Broad-street; Russell Earp, 6, Austinffars; Ernest Felling, Stock Exchange; W. N. Rudge, stock Exchange; Arthur A. Orr, 23, Hyde Park.

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Wandsworth-road: H. B. Boimer, 102, Reinington Fara-road, January 26, Moorgate-street.

St. Andrews Steamship Company (Limited).—Capital 100,000l., in 10l. shares. To carry on business as shipowners. The subscribers (who take one share each) are—Thomas Matheson, Dale-street, Liverpool; Henry Rawellife, 65, South-street, Liverpool; John Reed, 77, Old Hall, Liverpool; Chas. G. Grant, Rock Ferry; Robert Johnstone, Cardiff; William Johnstone, sen., Rock Ferry, William Johnstone, Dale-street, Liverpool.

Ansley Hall Coal and Iron Company (Limited).—Capital 25,000l. in 10l. shares. To mine for coal at Ansley and Oldbury. The subscribers

75,000., in 10t. shares. To mine for coal at Ansley and Oldbury. The subscribers (who take 50 shares each) are—James Barlow, Albert Mills, Bolton; James Latimer, Sackville street, Manchester; James G. Cooper, 63, Church-street, Manchester; William Carwen, 7, Oriel Chambers, Liverpool; W. McArthur, 83, Coleman-street, E.C.; Alexander McArthur, 83, Coleman-street; and Peter Rothwell,

(who take 50 shares each) are—James Barlow, Albert Mills, Bolton; James Latimer, Sackville street, Manchester; James G. Gooper, 63, Church-street, Manchester; William Carwen, 7, Oriel Chambers, Liverpool; W. McArthur, 83, Coleman-street, E.C.; Alexander McArthur, 83, Coleman-street, and Peter Rothwell, Fletcher-street, Denton.

AUSTRALIAN CENTRAL GOLD MINING COMPANY (Limited).—Capital 16,000., in It. Shares. To purchase from the Australian United Gold Mining Company the Central Mines, in the Colony of Victoria. The subscribers (who take one share each) are—E. W. Wingrove, Southend House, Twickenbarn; J. S. Gill, Charlton House, Hatcham; W. G. Builer, 10, Old-square, Lincoln's Inn; J. H. Murchison, 8, Austinfriars; E. Ashmead, Holland road, Brixton; C. H. Smith, 121, Balls Pond road; S. W. Dawkes, 7, Whitehall-place.

STAFFORD COAL AND IRON COMPANY (Limited).—Capital 50,000/., in 2l. shares. To take over and work the Fenton Estate, at Stoke-upon-Trent, and to carry on business as ironmasters and smelters. The subscribers (who take one share each) are—The Duke of Sutherland, Stafford House; Frederick Marshall, 3l, Eccleston-square; John Pender, M.P., 18, Arlington-street; John Bourne, Helderston Hall, Stone; C. J. Homer, Stockton Brook, near Stoke; John Bourne, jun., Helderton Hall; James Pender, Knutsford.

ENGLISH AND AUSTRALIAN STEAM NAVIGATION COMPANY (Limited).—Capital 1,200,000/., in 2l. shares. To establish a line of steamships between Bristol and Milford Haven, and various ports in Australia. The subscribers (who take 50 shares each) are Daniel Gooch, Clewer Park, Windsor; L. L. Dillwyn, M. P., Swansea; Tyndall Bright, I, North John-street, Liverpool; C. E. Bright, Sussex Gardens, Hyde Park; H. Dever, 4. Lothbury; T. L'Estrange Clark, Pembroke; W. Davies, Spring Gardens; W. Hoperoft, I, Mincing-lane.

NORWICH PROVIDENT FIRE INSURANCE SOCIETY (Limited).—Capital 500,000/., in 1l. shares. To carry on the general business of a fire insurance and guarantee office. The subscribers (who take one share each) are—

LINDSEY AND KESTEVEN CHEMICAL MANURE COMPANY (Liited).—Capital 25,0001., in 101. shares. To make and sell sulphuric acid and checal and other manures.
MINING AND GENERAL INVESTMENT COMPANY (Limited).—Ca-

pital 2000/., in 5/. shares. To carry on business as miners and dealers in metals

# ARTIFICIAL FUEL PATENTS.

Mr. T. CADETT, of Rosherville, has patented, as an improved arti-All, I. CADET, or loss revine, as parented, as an improved artificial fuel, peat, turf, or log, combined either with ar, pitch, resin, asplatum, or other resinous or bituminous substance, or with oil. The peat or turf is first dried by exposure or by artificial heat, and is then immersed in one or other of the above substances, and submitted to pressure in moulds, to thoroughly impregnate it with the tar or other substance and expressions usuperfluity. After being again dried, it is fit for use. the tar or other substance and expressions superfluity. After oung against it is fit for use.

Mr. J. FAWCETT, of Kirton-in-Lindsey, in describing his improve"The first part of my process after obtain."

MI. J. FAWCETT, OF KITOH-III-LINGSEY, IN describing his improvements in the treatment of peat, says:—"The first part of my process after obtaining the peat from the bog is to free it from all excess of moisture, which is effected by submitting it to the action of a hydro-extractor. The peat thus treated is then reduced to a granulated state, and finally compressed into blocks."

Mr. W. J. ENGLEDUE, of Tayistock, Captain Royal Engineers, has putented some improvements in drying peat, manufactured or otherwise, and arit

Mr. W. J. Engledue, of Tavistock, Captain Royal Engineers, has picial fuel, applicable also to the drying of kaolin or china-clay and other like substances. This invention relates to a new or improved method of drying peat, manufactured or otherwise, and artificial fuel, applicable also to the drying of kaolin or china-clay and other like substances, and consists in effecting such drying by the aid of hot water or steam pipes. Mr. Engledue constructs a drying shed, the floor of which is composed of iron or other metal pipes, placed close together or otherwise, through which he causes hot water or steam to circulate. On to this floor the substances to be dried are either run or deposited in a liquid state, or placed thereon after being partially dried by atmospheric influence. The said metal pipes may also be arranged in any other manner in the drying-shed as may be found most convenient for the expeditious drying of the substances, the essential feature of his invention being the process of drying the class of substances, the cessential feature of his invention being the process of drying the class of substances before mentioned by hot-water or steur pipes, without reference to the particular form or arrangement of the apparatus employed.

Mr. R. STONE, of Liverpool, has patented some improvements in Mr. R. Stone, of Liverpool, has patented some improvements in the means of manufacturing artificial fuel, bricks, and other similar compressed articles, and in the apparatus employed therefor. The features of novelty which constitute the invention consist in the use of a divisioned shoot or trough, which is plyoted to two strong uprights, elevated or depressed by means of a winch and chain. This shoot or trough receives the porous and fibrous ingredients used direct from carts. It is then elevated, and discharges its contents into a divisioned hopper. Underneath this hopper is a mixing wheel, and alongside is a tank containing the oil, tar, or other amalgamating liquid, and underneath the tank there is a second wheel, which he terms the wet mixer. These mixers are set and revolve in an inclined hopper or shoot, which leads the mixed material to a moulder. The mixing-wheels may be driven by any suitable mechanical means. The moulder consists of a cylinder, divided on its circumference into suitable divisions or moulds to receive and mould the fuel. Revolving over the cylinder, and in the same direction, is a roller or compressor, which presses the fuel or material into the divisions on the cylinder. As the cylinder revolves the compressed shapes of fuel are discharged on to a travelling table or apron, which takes the moulds clear of the cylinder.

THE RED RIVER.—There is a good deal of mystery and uncer THE RED RIVER.—There is a good deal of mystery and uncertainty as to who are the shareholders in the Red River stream works from Dolcoath mine down to the sands at Gwithian. Thousands of pounds have been laid out indressing floors, frames, water-wheels, &c., and many thousands of pounds worth of tin have from time to time been extracted from the leavings sent down from the various mines. I am not in a position at present to give the names of all the adventurers in these concerns, but I can supply you with the names of nine agents of mines in the district who are interested in the celebrated Red River workings, and I herewith enclose the list, together with the number of shares held, and the mines with which those agents are connected. Now, all these gentlemen "do knaw tin." Mr. Bollithe stated the other day that forty tons of tin are sent down this Red River monthly—tin that is lost to the mines. Might not some steps be taken to avert this loss? I suggest that captains who hold shares should form a council to advise us on this important topic. Give them a fee of St. Ss. each. I will provide one of the St. Ss. if the discussion is an open one and is fully reported.

—A DOLCOATH ADVENTURER.

CORNISH MINES SHARE MARKET.—The market has been moderately

CORNISH MINE SHARE MARKET.—The market has been moderately CORNISH MINE SHARE MARKET.—The market has been moderately active up to within the past day or two, and the demand for good stock was so brisk that shares became scarce, and dividend-paying mines had a good rise. In mines where the advance was rapid a few parties have been taking the profits on shares, and this, with the fact that Straits tin is quoted a shade easier (which has also, probably, brought a few sellers into the market) has tended to make things a little weaker, and a slight reaction in prices has set in. Copper mines are in better request, owing to the recent advance in the standards. There appears to be a general impression that the prices of copper will soon go still higher, and in view of this the directors of Mellanear Mine have decided on stocking their copper ores for some time, and for this purpose they have arranged to borrow to the extent of 10,000%, believing that the interest will be considerably more than repaid by the advance in copper.

10,000., believing that the dayline is advance in copper.

The following are the closing prices:—Carn Breas, after advancing to 105, 110, are now selling at 102½. Cook's Kitchen have already been dealt in 17½ to 17½, at which they close rather sellers. Dolcoath ran up to 55 buyers, and a great number of delivery: they The following are the closing prices:—Carn Breas, after advancing to 105, 110, are now selling at 102½. Cook's Kitchen have already been dealt in 17½ to 17½, at which they close rather sellers. Deleoath ran up to 55 buyers, and a great number of shares changed hands at that price, and have been short for delivery; they are now offering at 54. East Basset, 14 to 16, quiet. East Pool in better demand at 7½ to 8½. New Rosewarne, 1 to 1½. North Roskear dull at 2 to 3. Providence dealt in at 8 to 8½. South Carn Breas in better demand, 3½ to 3½; copper ore has again made its appearance in the 150 end, but they are still 7 or 8 fms. behind the course of ore gone down in the bottom of the 130 fathom level; if the same bunch is cut in the former end they will have 20 fathoms of good backs to come away, and pending this any slight improvement in the end is attended with more or less excitement. South Condurrow n ore enquired for at 5½ to 6. South Frances quiet at 3½ to 7½. Thereofts advanced to 48, 46% buyers, but there are now sellers at 48. West Dasset more enquired for at 8½ to 8½; the mine is said to be looking well. West Frances in demand at 8½ to 9½; the South Frances lode in this mine recently cut is said to be opening out well. West Tolgus improved to 36 buyers. West Seton more enquired for at 45 to 45; the recent liberal conduct of Mr. Basset in reducing the dues to 1.18th, is highly commended by parties in the mining world generally, and is looked upon as a generous and considerate act. West Chiverton called 5½ to 7.—West Briton.

STOVES AND FLUES .- The chief feature of novelty in the invention of Mr. Charles Topham, of Coleman street, Bunhill-row, is the construction of flues, stoves, &c., with an outer casing, forming a chamber for heating the dr, which passes through suitable inlets and outlets, wherewith to warm the hamber, conservatory, &c., required to be heated.

# Fileeungs of Bublic Companies.

# LLYNVI VALLEY COLLIERY COMPANY.

The statutory general meeting of shareholders was held at the offices of the company, Finsbury-circus, on Thursday,
The Hon. ASHLEY PONSONBY in the chair.
Mr. W. H. FORBES (the secretary) read the notice calling the

The CHAIRMAN said there was really very little to say on the present occasion, as the meeting was of a formal character, and convened in compliance with the Act of Parliament, which required a The CHAIRMAN said there was really very little to say on the present occasion, as the meeting was of a formal character, and convened in compliance with the Act of Parliament, which required a meeting to be held within four months of the formation of a company. The time had been too short to allow of the coals being got into the general market, except what was done locally by cartage. The directors hoped in about three weeks or so to complete the short line and the bridge which was now being constructed. There had been some little difficulty about getting labour, but Mr. Humby, the vendor, who had been arranging as manager, had done everything in his power to obviate that.

A SHAREHOLDER: When do you think the coals will be in the market?—The CHAIRMAN: We hope not later than a month, that arrangements may be made with the railway companies to carry coals to the shareholders. We do not care about delivering coals at a distance to other than the shareholders we shall let them know.

Mr. MORGAN said that the following extracts from the report of the engineer, Mr. Habakkuk, dated Sept. 4, would be satisfactory:—"If the weather clears up a little we shall have the coal in the market in three weeks' time, the weather the last two months has been so very wet in Wales that the men have not worked two days in succession without giving over work through its being so wet. I am glad to tell you we shall have an excellent siding, capable of doing any quantity of work, and now that we have got the rails I gave instructions to Phillip Davies to push on the headings, so that in a short time we shall be able to work l00 tons—day of coal." He thought that extract would be satisfactory to the shareholders.

The CHAIRMAN said that probably-they would have to hire trucks to deliver the coals, so that it was necessary to get the coliery well in work before they commenced the delivery.

Mr. HUMBY said that the coals Nos. 1 and 2 Rhondda Valley were well known in Wales, and were in great demand by the ironmasters, who really saked the

# WILLOUGHBY MINING COMPANY.

The general meeting of shareholders was held at the company's

offices, Austinfriars, on Thursday,
Mr. W. C. Buller in the chair.
The London Manager read the notice convening the meeting, and

Mr. W. C. BULLER in the chair.

The LONDON MANAGER read the notice convening the meeting, and the agent's report was submitted.

Sppt. 9.—I have pleasure in again handing you my report of the work done and progress made in the development of the mine since the last general meeting. Pyne's shaft has been sunk 9 fms., completing in 25 fms. from surface. A lodge has been cut at the bottom 9 ft. square for stuff, and a cross-cut extended from the same towards the new lode, which we have just intersected at a distance of 5 fms. report, but the water is pouring out of it so in the roof and forebreast that it is difficult to break any of it. We have cut into it ls in., and find it to contain the same white sparry ground we have above, with a mixture of lead and blende, a very fine looking lode, and when we reach the hanging wall side, where it makes the lead above, I expect to see something still better. A cross-cut has been driven 4 fms. east from the bottom of shaft, and in the forebreast of this driving we have cut into what, I believe, is only part of Goddard's lode. It is about 1 ft. wide, containing crystallised earbonate of lime and a little blende. After seeing this, with the evidences we have above at the 13, I cannot avoid coming to the conclusion that the lode has split, and that the eastern part is yet lying entombed north of the No. 1 shaft. I have carefully taken the dip and bearing of the lode at the 13, and find that by the direction it is taking there we should reach it in a couple of fathous further triving, and with this in view I am continuing the cross-cut.—Now has been driven as the subsequence of the continuing the cross-cut.—Now has been driven so the continuing the cross-cut.—Now h

The CHAIRMAN said that the directors had not made any report, as they had hoped to cut the lode in the deepest level. The lode was cut both east and west of the shaft a few days ago, and its appearance was satisfactory. They would remember that when they commenced they expected to cut the lode at the 40, but in sinking they met with another lode, which was, perhaps, the best of the two. At present the original lode was to the east of them, whilst the new one was to their west. In driving west the captain had cut the new lode, but as to the eastern driving be had met with a small branch, but did not think he had out the whole lode. Beyond this there but did not think he had cut the whole lode. Beyond this there seemed to be another lode more to the north. Near the surface the two lodes almost came to a point, but in going down they opened out, and increased considerably in size, which was very favourable. They had already sold about 1200l. worth of lead and blende, and the only unfavourable feature was the state of their accounts—their money was reduced to about 500l., and he thought they would probably require some more; they had, however, enough to carry them on to see the lodes, and it might be that they would cut rich, and pathing more would he required.

on to see the lodes, and it might be that they would cut rich, and nothing more would be required.

Mr. Cooke had been down at the mine a short time ago, and thought it was certain that they would meet with a good lode at the 23. The ground was very hard, which would account for the time occupied in reaching it.

Mr. PYNE would be glad if any shareholder would go down and see what had been done, and they would be satisfied that during the past 12 months the progress had been considerable. The mine was now in a better position than at any previous time, and the lodes were looking exceedingly well. The whole of the ore ground taken away had, according to Capt. Nottingham, yielded 2 tons of lead and blende per fathom on the average, which could not but be considered highly gratifying. From the present shaft they would be able to work three lodes, and further west they had another lode, which will apparently run into Goddard's lode at no great distance. He quite believed that if the mine were pushed on they would have a good property, especially as they were working enthely by waterpower, and would not, therefore, be affected by the high price of coal.

The report and accounts were then unanimously received and adopted. Messe,

W. C. Buller and J. J. Pyne were re-elected directors; and Messrs. Brandt, Stansfield, and Co. were appointed auditors for the ensuing year, and 5i. 5s. voted as their remuneration.
The usual complimentary vote of thanks to the Chairman and directors terminated the proceedings.

# BRADDA (ISLE OF MAN) MINING COMPANY.

The half-yearly meeting was to have been held at the Royal Hotel, Douglas, on Thursday, but owing to the absence of several of the di-rectors and local shareholders from the island, there was not a suffi-Douglas, on Thursday, but owing to the absence of several of the directors and local shareholders from the island, there was not a sufficient number present to constitute a meeting in terms of the Article of Association, and consequently the meeting was adjourned to Monday October 15. It will be remembered that at the last general meeting of the shareholders a long discussion took place with regard to the plan to be pursued in the development of the mine. Captain Richards had been engaged to report on the subject, and he had recommended the adoption of a plan which while it was calculated to develope the company's sett in all parts, yet was of so extensive a nature that to carry it out would have more than exhausted all the company's capture. A dispute had consequently arisen amongs the directors as to whether Capt. Richards's advice should be taken, or whether the entire resources of the company should be devoted to the most promising parts in the mine. The directors were unable to come to an agreement on this ionit, and thin stely Mr. George Wm. Dumbell, Chairman of the Great Lavey Mines, who was also Chairman of this company resigned—the majority of hisco directors being in favour of concentrating the efforts of company on the point, which his opinion was that the mine should be worked in accordance with Capt. Richards's report. In order to put an end to the various differences of opinion on the subject, at the last general meeting it was decided that Mr. Paul Bridson, secretary to the company, should be authorised to obtain the services of an independant mining engineer to report on the mine. Mr. Bridson accordingly engaged Capt. R. Northey, of Bwleb Consols, Goginan, Aberystwith, to report on the subject, at the report was produced at the meeting to-day. It was not read, however, in consequence of the determination come to adjourn the meeting, but it was decided to have it printed to report on the mine. Mr. Bridson accordingly engaged Capt. R. Northey, of Bwleb Consols, Goginan, Aberystwith, to report on t

# VRON UNITED SILVER-LEAD MINING COMPANY.

VRON UNITED SILVER-LEAD MINING COMPANY.

An ordinary meeting of shareholders was held at the offices, Crosby House, on Thursday,—Cape. A. B. Brown, R.A., in the chair.

Mr. W. Ward (the secretary) read the notice convening the meeting, and the minutes of the last were confirmed.

The report of the agent detailed the works in progress for the future prosecution of the mine, stating that if the points now in operation be carried out he has not the least Joubt but that the shareholders will have a good minelaid open, and that the result will be a success.

The Chairman moved that the report and accounts be received and adopted. The mine, as pointed out in the reports, was looking considerably better than at the time of the list meeting, although the amount expended upon it had been very small indeed, and almost exclusively in opening out the engine shaft to receive the pitwork, and the purchase of extra pumps for draining the mine during winter. There were alls unpaid amounting to 70%, and had that been pid it could have been very advantageously expended in the further development of the mine.

Mr. W. Warm had recently visited the mine, and arranged with Capt. Harper to superintend the operations for four guineas per month, upon the condition that he should receive a higher salary when the mine had been placed in a better position. He Mr. W. Ward examined the bottom of the mine, where there was a very good lede going west, worth fully 1 ton 6 ors per fatheau; and the end going east was worth 16 with provided the shareholders supplied the means to drive the coascents.

The Chairman said the board were anxious to make the shareholders under.

The Chairman said the board were anxious to make the shareholders under.

AIRMAN said the board were anxious to make the shareholders under the progress at the mine had been hampered for want of funds, and thut the 65 progression and the said of th were 695 preference shares unissued, 375f, uncalled is of call.
report and balance-sheet were received and adopted, one of thanks to the Chairman closed the proceedings.

# EAST POOL MINING COMPANY.

EAST POOL MINING COMPANY.

The two-monthly meeting of adventurers was held at the mine, on Monday (Mr. Dennis in the chair). The accounts showed the labour cost for May and June as 28394. 16s. The merchants' bills for June and July amounted to 1420. 5s., and the dues 132. 5s., the whole being 4452.9s. The ore sold up to July 3 being 568. 16s. The sale of fin resilsed 3004. arsenic, 2004.; wolfram, 54. 13s.; burning, 23s.; these sums, with income tax, making 255. This left on unfavourable balance of 597.4, and deducting the balance in favour at the last account (86%), it left them in debt on the four months 510f. 14s. The agents' report was as follows:

Sept. 8.—The 130 is driven each stope as from the engine sh ft 22 fms., and is worth for tin 30, per fathom. The 150 is driven 23 fms, west of the engine-shaft, and is worth 20f. per fathom each stope. The 170 is driven 17 fms. west of the cross-course, and is worth 10f. per fm. There are four stopes in the back of this level worth 20f. per fathom each stope. The 10 is driven south of Pryce's lode 19 fms: it is still in kills, and spare for driving. The winze 11 fathoms west of the cross-course is down 10 fms., and is worth 9f. per fathom.

Evary Long.—A stope in the bottom of the 180, east of Dennis's cross-cour, worth 12f. per fathom. The are two stopes in the back of the 100, east of Dennis's cross-cour, worth 12f. per fathom. The rise in the back of the 100, east of Dennis's cross-cour, worth 20f. per fathom. The rise in the back of the 160, east of Dennis's cross-cour, worth 20f. per fathom. The rise in the back of the 160, east of Dennis's cross-cour, worth 12f. per fathom. The rise in the back of the 160, east of Dennis's cross-cour, worth 16f. per fathom. The rise in the back of the 160, east of Dennis's cross-cour, south on the cross-course, is driven 32 fms., and has interescent the lode, which is driven east and west of the cross-course, and is worth for tin and copper, 16f. per fathom. The rise in the bottom of the 180, 29 fms. east of the western cro

enturers were labouring, consented to accept the further reduced rate of 1 3cm in both copper and in until such time as the improved circumstances of the might warrant him in again rulsing the dues to such a rate within the limit emight be advised. The reduction of the dues would take effect from the date cession, were gratified he had perceived the appeal for the indulgence was ught out on real and substantial grounds, and the position of the mine, in more none point of view, was an exceptional and prejudiced one, and entitled to his sideration and general sympathy. They hoped a beneficial change in metals materials would profit both adventurers and lord, was reported that treaty was going on with Wheal Agar Mine touching the stion of pumping water, and the Charraman said they hoped to bring this to a onable point between the parties. He was quite willing to give an account of extensactions to the adventurers; but in such matters, and the best was being e for themselves and the adventurers.—The adventurers expressed satisfact what the committee were doing in the matter, and the best was being effort themselves and the adventurers.—The adventurers expressed satisfact what the committee were doing in the matter, and the Charraman said it believed terms would be come to.

some source of encouragement to the adventurers, it was stated that wolfram getting mouch into favour, and they all knew that if their captain had an order nany thousand tons, whether as wolfram or in any other form, he would soon the content of the superior of the content of the superior or in any other form, he would soon the content of the superior many thousand tons, whether as wolfram or in any other form, he would soon the content of the superior many thousand tons, whether as wolfram or in any other form, he would soon the content of the superior many thousand tons, whether as wolfram or in any other form, he would soon the content of the superior many thousand tons, whether as wolfram or in any other form, he would soon the content of th

ource of encouragement to the adventurers, it was stated that wolfram grunch into favour, and they all knew that if their capitain had an order thousand tons, whether as wolfram or in any other form, he would soon supply it. This would be very advantageous to the lords and adventurers, are alinding to the unusual character of the report presented day, had good hopes for the future, although they had had so many and breakdowns. In reply to a vote of thanks passed him for his come chair, he said he little calculated from the future prospects of the they would have had that state of affairs presented them that day was to be a great mine yet, and they might calculate to have a turn in ur.

expressed confident opinion, although they had had up-hill work, that the would turn out highly successful.

Messrs. Samuel Higgs and Son, the pursers, write—"We do not expect much improvement for the next few months, but after that there is no doubt we shall regain our former position."

# MINING NOTABILIA.

[EXTRACTS FROM OUR MINING CORRESPONDENCE.]

VAN CONSOLS.—This mine will commence sales of tin this month.
VALUABLE DISCOVERY AT BOTALLACK.—We are glad to learn that
they have a splendld course of copper at Botalkack. It is at this time 5 ft. big in
the Cips' and in the 100 fm. level, and from the look of the lode in the end it ap
pears to be getting wider.

BURRA BURRA.—This mine continues to make the usual regular
returns of copper and blende, but they are, in addition, close upon three most important points, on reaching either of which, they must acquire a large additional
value.—I. The lode in the new shaft is 5 to 6 ft. wide, and is yielding rich gossun,
with rocks of mundle and nests of black copper, thus giving every indication of
being nearly into a course of rich copper ore.—2. In driving the 40 cast they are
now close upon the cross-course, on the other side of which they will come under
the run of ore which yielded such large returns of copper in the levels above, and
which was improving as they went down.—3. In the 40 west the agent's report that
the lote is looking better than it has every yet done, and that there is every indication of their being just about to enter into a good shoot of copper ore there.
Taking into consideration all these points, and the great cheapness with which
Burra Burra is worked, there are few mines in Cornwall which have better prospects, or which are more likely to take a high position amongst productive and
paying properties.

Of D. TERLE GETT.—This undowtaking is said to be one of the most

OLD TREBURGETT.—This undertaking is said to be one of the most

OLD TREBURGETT.—This undertaking is said to be one of the most promising lead mines in Cornwall. The adventurers have this week sold two parcels of silver-lead ores, the produce of one month's working, which realised 120%, 10s. No. 1 parcel, computed 29 tons, was purchased by Messrs. Sheldon, Bush, and Co., at the almost unprecedented high price of 35%, per ton. No. 2 parcel, computed 12 tons, was sold to Messrs. Treffry and Co., at 21%, 13s. 8d, per ton. Like other mines, the increased cost of labour, coals, &c., has had a depressing effect on Treburgett, although the adventurers are sanguine of being ultimately rewarded for their outlay.

CARBOLA.—It seems highly probable that this company will be changed from cost-book to limited liability. The purser, Mr. John R. Daniell, h a issued a circuit, in which he states that the committee are satisfied the discoveries made are of such importance that only stamping power and dressing appliances are required to render the nine profitable. A special general meeting will be held to determine the course to be pursued in reference to the further prosecution and de velopment of the undertaking. Resolutions are prepared to be submitted to the meeting, amongst others the following:—"That the committee be authorised to expend such a sum as may be necessary, not exceeding 250%, in the preliminary expenses of the form thom of a limited ili, bility company, to purchase and work the mine, with a capital of 10,000% in 10,000 shares of 1% cach, only 8000 of such shares to be issued at first."

New Rosewarne.—In the disappointment which people feel at

tiven to discover fresh deposits.

BRONFLOVD.—Capt. John Davis (Sept. 10) reports:—Settings for genember: No. 3 Shaft—North Lode: Stope over the 96 west, to six men, at 110s. or critic fathom; the lode yields 11½ ton of ore per fathom. The 84 east, to two en, at 240s, per fathom; the ground is hard to drive, and the lode yields about ewts, of lead ore per fathom. In Joshna's winze, under the 84 west, the ground

good order.
WEST CARADON.—There has been no particular alteration here sin e list week, except in the 55 west of cross cut, and the ris in the back, which has improved, and are each worth fully 2 tens of copper ore per fathom.

# FOREIGN MINES.

CAPE COPPER.—The directors have declared a dividend of 20s. per Daniel Swetland Creek (Gold).—The directors announce a dividend of 5s. per share, payable on and after the 25th inst.

Don Pedro,-Telegram: "Produce for July, 3639 oits.; weighed

DON PEDRO.—Telegram: "Produce for July, 5053 oits,; weighed to Aug. 18, 1516 oits."

RICHMOND CONSOLIDATED.—Cablegram from the mine at Eureka, Needa: "Hall, London.—Week's run, \$48,000. New furnace started to day — Probert."

WINAMUCK (Silver).—Telegram, received on Tuesday: "Winamuck, London.—August proceeds, \$22,530; expenses, \$23,652; nett, \$5452."

EBERHARDT AND AURORA.—A telegram from Capt. Drake reports that 1203 tons were crushed during August. Average assay, \$48 Tlc.; produce, \$46,858; total working expenses, \$39,619; expended on contract work and new mill, \$13,400. The loss on the month's working is thus \$1211.—[The directorex plain that this telegram really shows a profit of \$15,69 on the month's working. The produce was \$46,98, and the total working expenses were \$39,619. The sum of \$13,400 expended on the new mill was on capital account.]

COLORADO TERRIBLE LODE.—Telegram: "Teal, to Andrews, London.—Shipped 21 tons as before. The value of the 42 tons now on the way to Liverpool is (roughly) \$4000."

verpool is (roughly) 4000."

LAST CHANCE (Silver).—Telegram: "To Last Chance, London.—tons bullion, 2100/, value.—Maxwell."

LAST CHANCE (Silver).—Telegram: "To Last Chance, London.—34 tons bullion, 2100. value.—Maxwell,"

ELDORADO (Gold).—Capt. Sprague, Nova Scotia, Aug. 25: Our expenses are heavy, but I have near 50 men employed. The machine for the tail ings will be set to work shortly: I will then report fully. The quart, 6 tons, from the Hattie vein, gave 7½ ozs, of gold, but I am sorry to say as we deepened the shaft it fell off in value; 10 tons of quartz boulders from our north areas gave 2 dwts, per ton. I enclose dee dof transfer of 100 acres of land from W. J. Daniels. We have only the timber from the Gum lot; the above will make a good farm when the country is opened up. There are six men taking out quartz from the Mitchell vein west; this we are stamping; its value I will give in my next. On the Lincoln vein, further north, we are clearing out old workings, which I hope will pay. On the Crichton area, No. 6, there is a very large, promising looking vein, untouched as yet, besides others. When we know the vein we have on the property I will send plan for reference. Everything is in good working order, the mine is well supplied with materials. Our prospects are very encouraging, and if we do not get good profits this year it shall not be for want of attention on my part. There are several veins on the Lincoln group, lesse 392, we have cleaned out the old workings, and are now working on the most promising looking vein. On the Crichton, lesse 390, we are sinking a shaft on what appears to be a large outcrop of quartz: the quartz we shall stamp when we have broken 25 tons; there are also extense outcome. It on what appears to me there are also me have broken 25 tons; there are also the Mitchel vein we have stamped 50 tons it will give 5 dwts. per tons; there is a this vein. In the stope west of shaft, ting smaller, this is owing to our getting duces I ounce per ton. We have now a

t of the gold streak; the quartz still produces I ounce per ton. We have now a of supply of fuel for the next twelve months.

EXCHEQUER (Gold and Silver).—L. Chalmers, Aug. 18: On the correfully examined it, and found that they had cut through the casing 25 ft the engine-shaft in the cross-cut west from the 100, and also through 6 in. only silver ore. Giving orders to drive right through to the footwall nearly west, I returned on Thursday, and found they had driven, as directed, 9 ft west from the easing through the orey ground into a species of calvock, but the absence of a good salvage I am doubtful if we have yet reached the foot. The lode dips at an angle of about 63° cast, and in the centre of it is a rich of beautiful quartz from 8 to 12 in. wide, widest at the bottom of the drift in rules sliver, assaying from 850 to \$2000 a ton, of the same character as the oxpressed consider opinion, although they had had up-hill work, that the mine found turn out lightly successful.

TREVARRACK MINE.—At the meeting the halance-sheet showed payments over respits amounting to 345. The report of the committee was excessed by the sense of the payments over respits amounting to 345. The report of the committee was excessed by the sense of the payments over respits amounting to 345. The report of the committee was excessed by the sense of the payments over respits amounting to 345. The report of the committee was excessed the sense of a good selege Lam doubtful if we have yet reached the foot at the committee was excessed the sense of a good selege Lam doubtful if we have yet reached the foot at the committee was excessed the sense of a good selege Lam doubtful if we have yet reached the foot at the committee was excessed the sense of a good selege Lam doubtful if we have yet reached the foot at the committee was excessed the sense of the payments over respits amounting to 345. The report of the committee was excessed the sense of a good selege Lam doubtful if we have yet reached the foot at the committee was excessed the sense of a good selege Lam doubtful if we have yet reached the foot at the committee was excessed the sense of a good selege Lam doubtful if we have yet reached the foot at the sense of a good selege Lam doubtful if we have yet reached the foot at the sense of a good selege Lam doubtful if we have yet reached the foot at the sense of a good selege Lam doubtful if we have yet reached the foot at the sense of a good selege Lam doubtful if we have yet reached the foot at the sense of a good selege Lam doubtful if we have yet reached the foot at the sense of the sense of the sense had not the sense of the sense of the sense of the sense had not the sense of the sense of the sense of the s

tors, one knox pan, and two concentrators all running splendidly. On Ward and Thursday, and ever since, the mill has run steadily, with only fived to do good work, but the ore I am now crushing is poorer than the odd of the ore I am now crushing is poorer than I as though I knew that good and bad were mixed together during our partions in the upper works. In one sense I am not sorry, as it will gee. Hent opportunity of judging what our mill can do with poor ore you can most safely rely for permanent dividends if it leave a you have plenty of it. The amalgam is first class, giving bullio set you have plenty of it. The amalgam is first class, giving bullio set this is done, I shall commence on our rich ore from engine-shaft affect to the different working of silver ores wet, and without restricted in the state of the course, is easy to so, per ounce troy, and, of course, is accounted for ig proportion of gold with the silver, and the almost entire absence of base.

operation of gold with the silver, and the atmost entire absence of base e bullion.—Secretary.

I. X. L. (Gold and Silver).—L. Chalmers, Aug. 18: Since up the things, we have driven the cross-cut from the green.

1. X. L. (Gold and Silver),—L. Chalmers, Aug. 18: Since which you, the 4th inst., we have driven the cross-cut from the 200 in the engine and 23 ft., making 43 ft. in all. The rock is not quite so hard as it has been and been to strike the Extenuate ledge during this week. If I can hire a tean 14 logs some of the ore I mentioned in a previous letter to the mill.

MALPASO GOLD WASHING.—The directors have advices from the superintendent, Mr. C. R. Clarke, dated July 29, from which the following is an since I wrote last we have added 40 ft. to head of slutes, and last night of water and and might. We have moy good grayed, and is we had the legans from 300 to 500 in., I think I could send you, at less, \$0.000 per how water (say, that amount of water I could wash more dift in five days than we are doing two in 40. I expect to have my pipe all ready, so as to move my bulk-and with the half to the first of the day of the water form 1500 to 500 in. A the special of September. I shall then have down also to make a No. I showing.

RIO TINTO.—The agent at Liverpool reports the sale of 30 ton precipitate at 155.6 ft. per unit. The superintendent at the mines advises 180 to the course.

RIO TINTO.—The agent at Liverpool reports the sale of a precipitate at los. 64, per unit. The superintendent at the mines advises precipitates average 80 per cent, being forwarded to Huelva.

CHICAGO (Silver).—W. S. Gordbe, August 23: The ropewa whole, is a great success, and is certainly an excellent piece of mechanism mode of loading the buckets at the mine is extremely primitive, and altered: to do this successfully some time is yet needed, hence the delaying. Meantime I will instruct Mr. Marin to send down all the ore the every effort shall be made to gain the desired end. The mine continues to in the most satisfactory manner. Respecting the cuisine department in the ravine below it, where men were at work on the ropeway, the coin in the ravine below it, where men were at work on the ropeway, the coin in the ravine below it, where men were at work on the ropeway, the coin the success of the usual price of board—namely 81 per day—but saw no tive. By the arrangement just made the boarding is to be done forther charring a good price for moving provisions by wagons and row-case charring a good price for moving provisions by wagons and row-case charring a good price for moving provisions by wagons and row-case detarring a good price for moving provisions by wagons and row-case detarring a good price for moving provisions by wagons and row-case detarring a good price for moving provisions by wagons and row-case detarring a good price for moving provisions by wagons and row-case detarring a good price for moving provisions by wagons and row-case detarring a good price for moving provisions by wagons and row-case detarring a good price for moving provisions by wagons and row-case detarring a good price for moving provisions by wagons and row-case detarring a good price for moving provisions by wagons and row-case detarring a good price for moving provisions by wagons and row-case detarring a good price for moving provisions by wagons and row-case detarring a good price for moving provisions by wagons and row-case d

are that two men on the foot two days this week Benker Hill. (California).—W. L. Paln July 25 came to hand a few days ago. All resis ne objections have been earried to the highest trib is decided in our favour.—The lower office—the 8x being notified of the decision, whereupon the Key

ork will be sent to you immediately.

BATTLE MOUNTAIN.—Capt. Richards, Aug. 14: The stopes in the cot of the 14, north of the Virgin shaft, are suspended. The rise in the local countries of the stopes of the stopes of the stopes of the stopes of the stopes.

rise, in the back of the 113 north (a few feet s

important work so as to intersect the lodes at deeper points. While wearsmany the shaft we shall make the necessary preparations for fixing the lift at hely, ad under that point sink with another. There is no other change calling for remaining the progress made in the Victoria shaft during August is 6 ft., the total death so being 64 ft. We have lowered the large pump to a depth of 54 ft. down the shaft keeping the small one higher up in reserve. The water has very much diminished, being barely enough to supply our dressing machinery, and should it diminished, being barely enough to supply our dressing machinery, and should it diminished have to fix our centrifugal pump to obtain water from the brook close by. The is no change in the nature of the ground. Next month we shall commended in the 20 metre level. In giving the cutting of the inclined plane more fall we streat upon a vein of galena at the foot of the cutting, which measured about 3ft, in width, and inclines at an angle of 50° to the north. It contains a great quantity directly make the contribution of the cutting of the plane more fall we streat the foot of the cutting, which now the stream of the stream of the cutting of the plane when the cutting the 25 to 30 metre level. In the open-cut, and the foot of the cutting which measured about 3ft, in width, and inclines at an angle of 50° to the north. It contains a great quantity of this ore, averaging 30 per cent. of metal, which is delivered without an interpretable of the order of the cutting 45 tons of carbonate of 41 per cent. assay. From the southed was taken to the dressing floors. The bridge from the leading connected with the torticks up the incline, has also been fixed, and is nothing connected with the boilers, so that we shall shortly supply the dressing floors the metal, the continued working of the deese machinery are hardly so good as we had anticipated; this is owing to tries machinery are hardly so good as we had anticipated; this is owing to tries proved insufficient. Our material is so soft and gravelly, that when the washing drums and rollers the greater part is converted into sli-tity of which is too large for our four round bubbles to dress. With ones which I have been authorised to erect this difficulty will, dou come. We have sent 5 tons of our slimes to a neighbouring mine to on some new machinery, which we expect will answer our purpo-breaker has now been erected, and is doing serviseable work.

PONTGIBAUD. Sept. 1: Roure Mine: The rock in the new engine

is in a small and unproductive lode. Our stopes and tribute pitche is in a small and unproduce.—Surface: The harvest was finished and the men there work in the second week of the month, and since that time our surface the second week of the month, and since that time our surface is the second operations have gone on very satisfactorily; the sampling

# THE MOONTA MINES, AUSTRALIA.

of init at the Wallaroo. A peculiar feature of the Moonta of the the Wallaroo. A peculiar feature of the Moonta of lobes sometimes show a little green ore at surface, but neatly a little iron, gossan, and quartz. When green ore does not extend for more than 2 fms., and even what is too not extend for more than 2 fms., and even what is is thinly distributed through clay. From 6 to 12 fms. regenerally destinute of copper ore, although the footwall atimes. By following it the caps of deposits of ore are frequently consisting of soft black ore, with lumps of malness. By following it the caps of deposits of ore are frequently consisting of soft black ore, with lumps of malness or 6 fms. in depth; they next merge into rich grey sulphides, of of a distance of from 6 to 16 fms. At from 20 to 30 fms. the final of or 4 fms. in depth; they next merge into rich grey sulphides, and if they depreciate in value in depth, which is generally the case, and if they depreciate in value in depth, which is generally the case, the ore is disseminated through a larger proportion of quartz or other faces of sulphides are very rich—from 40 to 60 per cent. Copper laverage from 25 to 30 per cent, of metal. The first three shafts on were sunk on Macdonnell's, Young's, and Elder's lodes; at present least seven separate mines, and there are altogether 40 or 50 shafts; extravagant to anticipate that in the future many more prolitable test seven separate mines, and there are altogether 40 or 50 shafts; extravagant to anticipate that in the future many more prolitable that in the future many more prolitable that in the future many more prolitable set of such as a state of the first three shafts of the state of the first three shafts of the first in searching and prospecting. Continual change is going foota of to-day is far different to that of five years ago, for valuable them found in places not then known to be ore bearing, and the value that in their extent; Elder's winding engine haus logical formation of the country at Moonta shows a marked

is far different to that of the years ago, for vanuaue reased, alees not then known to be ore bearing, and the value reased, sishing in their extent; Elder's winding engine hauls at wire rope nearly 200 fms. in length. The engineer's machinery, including three large Lathes, a powerful anpany make their own castings, and are the at preceives, to 30 cwts. There is a large statum-hammer, a time, and, indeed, all that can be required, as well as after, Elder's lode, and at two other losies there are two neof 22 in. Another engine of large proportions is of the workings, and to provide for further additions, loyed 18 officers, a number of petty officers, and about together several thousand persons must depend upon the principal workings of the mine are connected with extension ie now being made to Trener's ab fit, where salt with. There is also a line to the town but he sides exist with different works, and leading to the various chiefly narrow gauge. In a conducted by the proprietors of the Wallaroo the beach in a very convenient position for receiving the orie is conveyed from the various mines by meased and assayed. Such as contains sulplant first goes and easily the different works and teach holds from the calciners are 21 in number, and each holds from the claimer of the diarroad, which are put beneath the ore. When is sighther, and the month of the furnice is built up,

COAL .- Some interesting facts of the coal

-The compromise of Messrs, Malcolm's liability

per diem; while the estimated amount of its wealth within reach of the shift with its traversing extentions is not less than 20,000 tons. The total twind by the shaft is 420 feet, or three times as deen as St. George's Cross close than 1,000 tons of the common depth, only mention that the most experienced miners take 20 minutes in climbing ladgers from the bottom to the summit level. Of course, at various levels, on are made in all directions east, west, north, and south, traversing the Seuring lode. At the 55 athom or 300 feet level in one direction there is a reveasation of 65 feet by 120 feet, ferming a huge cavern, the roof of which arided by three pillars of resplendent ore necessarily left untouched; while the per level of 60 fathoms or 300 feet the area explored and excavated thom north to south and 150 feet transversely to the eastward. Of the ore

AY'S PILLS—LIVER COMPLEXES autions diet, or heedloss living as regards quality is are ever production diet, or heedloss living as regards quality is a considered product to exaggerate the extraordinary interficine in the treatment of all affections of the liver, or all irregulations for the constitution. It is impossible to exaggerate the extraordinary smedicine in the treatment of all affections of the liver, or all irregulations of the constitution of the constitution of the state of the rather fly, for every medicine taken in the form of an aperient requires caution well are disordered, though a more gentle aperient than these pills in sea has never yet been discovered. If taken according to the printed complaints, and strengthen the system. HOLLOWAY'S PILLS—LIVER COMPLAINTS, OR DISORDERS OF THE

# Mining Correspondence.

# BRITISH MINES.

BRITISH MINES.

ABERDAUNANT.—8. Toy, 'Spy 1, 10; Setting Report: The 10 fm. level to drive east of Hill's cross eat. by Got Spyt. 10; Setting Report: The 10 fm. level to drive east of Hill's cross eat. by Got Spyt. 10; Setting Report: The 10 fm. level to drive east of Hill's cross-eat, by five men, at 10; 10s, per fathom, for the month. This is was hard month, but with a kindly appearance for level.

If the control is the control of the control of Hill's cross-eat, by five men, at 10; 10s, per fathom, for the menth. This crol has improved a little; we have broken this week larger and better stones of lead than ever we broke from this can before, and, by present appearance, I think it will continue.—Intermediate Level: We have finished pathing in the studial this will continue.—Intermediate Level: We have finished pathing in the studial this level, No. 2; is worth for lead 20%, per fathom.

ASSIEION.—Al. Whitford, Wm. Tipton, Sept. 9: In the 40, west of Mawr Islaft, the lode is 25; it, wite, composed of quartz and mandic, intermixed with mineral; water is flowing from it profusely. In the 40-west that production of mineral; water is flowing from it profusely. In the 40-west that production of mineral; water is flowing from it profusely. In the 40-west that the production of mineral; water is flowing from it profusely. In the 40-west that the production of only requires a little time and perseverance to open out a valuable pice of ground in only requires a little time and perseverance to open out a valuable pice of ground on Sept. 5; to Messrs. the Panther Lead Company (computel), 50 tons of lead ore, at 44. 18s, per ton. We are busily engaged preparing a parcel of blende.

BALLYCUMISK—Gapt. Daniel, Sept. 5: During the week the men engaged in driving the cross-eat in the 222 have made but slow progress; the ground is array looking promising and favourable. The men with a surface of blende.

BALLYCUMISK—Gapt. Daniel, Sept. 5: During the week the men engaged in driving the cross-eat in the 222 have made but slow pr

thoms nearly double.
BEDFORD UNITED.—W. Phillips, Sept. II: The shaft and the 115 have be

the end, the south part was worth 15% per fathom. In the 90 cust the lode is 2 ft. wide, worth 3% per fathom.—South Lode: The 47 cust for several fathoms has been producing about 5% worth of mundic and ore per fathom, and the present appearance of the lode is still very encouraging.

BELSTONE.—James Neill, Sept. 6: A Shaft: Fair progress is being made with the sinking, ground composed of capel, greenstone, and garnet, with branches of quart impregnated with spots of yellow copper ore and arsenical mundic coming down from the south side of shaft, and underlaying north. As the 50 fm, level crossing ethics are south side of shaft, and underlaying north. As the 50 fm, level crossing character, composed of capel, quartz, garnet, and chlorite, with occasional nests of black and yellow copper ore; water is issuing very freely from the crosscourse, which is highly mineralised. The stope in back of Intermediate level, between Nos. I and 2 cross-courses, is yielding good nests of black ore. There is no change to notific in the stopes at the 40 fm, level.

BGG.—W. T. Harris, J. Burkell, Sept. 10: The water is now down below the 145 fm, level 11 fms., and by next report we hope to be in fork to the next level. Our tribute pitches in the 143 are turning out well, and the tributers getting good wages at 5% per ton for lead, and as we descend our prospects of sump are daily increasing, and we are in high expectations of meeting with good courses of lead in the next level. Other parts of the mine the same as last reported.

BRYNN.—Martin Rickard, S. Tranlgeon, Sept. 10: The erection of the pumping machinery is being rapidly proceeded with, and no time will be lost in completing the necessary arrangements. The south lode east still continues to yield some superior tinstone; the lode is large and compact, and from present indications a further improvement may be shortly calculated upon. The south lode west in the rial shaft is much the same as when last reported on; little has been done at this point in the past week. The elvans

se in the bottom of the 50, east of Evans's winze, orth 67, per fathom. Stope in bottom of the 50, e-at 67, per fathom; worth 87, per fathom.—Sou he 20, west of Davis's winze, to two men; the lo-in bottom of the 20 west to two men, at 60s. p

is worth 5\(\frac{t}\), per fathom. Stope in bottom of the 20 west to two men, at 60s, per fathom. CAPE CORNWALL—R. Pryor, J. Davey, Sept. 9: No change throughout the underground department of this mine worthy of notice since our last week's report. Saturday next being our pay and setting day a full report shall follow. CAPEAGH—W. Thomas, Sept. 5: We have brought down and completed the skip-road to the 115, and the men are now engaged fixing plat, sollar, windlass, &c. No alteration in other places.

CARN CAMBORNE—G. Howe, W. Penberthy, Sept. 6: The north lode in the 55 fathom level, east of winze, is improving in character going off from the cross-course, being 4 feet wide, worth for copper and tin 20\(\text{.per fathom.}\) The lode in the stope in the back of the 95 fathom level is worth 13\(\text{.per fathom.}\) The lode in the bottom of the same level (95) is worth 30\(\text{.per fathom.}\) The lode in the bottom of the same level (95) is worth 30\(\text{.per fathom.}\) The lode in the bottom of the same level (95) is worth 30\(\text{.per fathom.}\) The lode in the bottom of the same level (95) is worth 30\(\text{.per fathom.}\) The lode in the bottom of the same level (95) is worth 30\(\text{.per fathom.}\) The lode in the bottom of the same level (95) is worth 30\(\text{.per fathom.}\) The lode in the bottom of the same level (95) is worth 30\(\text{.per fathom.}\) The lode in the stopes in sinking. Colonel's engine-shaft below adit level: the lode in the same is a large, masterly one, being fully 7\(\text{.f.}\) ft. wide, composed of very rich black and grey copper ore, together with gossan, prian, and peach, and we believe that in a very little more sinking our expectations will be fully realised.

CATHERINE AND JANE.—George Williams, Sept. 9: We are going on with dressing the lead, but the weather being so wet keeps us behind. We have commenced stoping east and west to-day in the trench, and the water is coming very strong from the east end, and in proving the lead it continues just the same, and a sim

the same level, 39 fms. east of shuft, the lode will produce 18 cwts, of lead ore per fathom. The 29 tons of leud ore sold on the 5th inst. realised 14t. 6s. per ton, which is now at Aberystwith waiting for shipment. We have now about 10 tons more at surface, partly clean. The machinery works well.

CENTRAL VAN.—James Martin, Sept. 8: The engine-shaft is now 10 fathoms below the last lift; the shaft is composed of quartz, curbonate of lime, and stratum of ground and leaders of lead in the shaft; we must expect that we are not far distant from the lode; it is everybody's opinion, and every indication here is of a good lode in Central Van. The engine-shaft from the surface is now 45 fms. to the bottom.

good forte in Central van. The enginesiant from the surface is not to the bottom.

CWM DWYFOR.—T. Colliver, Sept. 11: There is no change in the south crosscut, except that we have a few spots of sulphur; the water flowing from the end is highly charged with iron. I have measured the ground, and find we have still 4 or 5 ft. more to drive to cut the great lole. The winze on the south level to be has now been sunk 4 fms. 1. t. from the bottom of the opening; we have splen id lead from this point. In the cust stope we have a good branch of lead 6 in, wide, and one of copper 10 in, wide, on the north side; and on the south side a branch containing copper and lead 8 in, in breadth. The other two lead branches average 3 inches wide.

one of copper 10 III. where, on the norm was also also been copper and lead 8 in. in breadth. The other two lead branches average 3 inches wide.

CWM ELAN.—W. Goldsworthy, Sept. 6: In the 10, cast of the engine-shaft, we have cut into a small branch of lead ore, carrying regular wall, and letting out a tream of water; I shall continue driving further in this direction as there is every indication of the re-formation of the lode. Nos. I and 2 stopes in the back of the deep adil theel are without alteration since has advised, producing about 19 cwts. of lead and blende ores per fathom. I have put two of the shaftmen to open out the bottom of the old men's sink on the top of the rise east of shaft; as far as we have opened it is worth for lead ore about 18 cwts. per fathom. The 10, west of the engine-shaft, has falled in its value—a kindly lode, but the produce therefrom is not enough to put any value upon.

DEN BIGHSHIRE CONSOLIDATED.—John Pryor, Sept. II: Quaker's Shaft: In the 12 west we have cleared the sand and sludge wash from the level, and find the limestone faced with good patches of lead, and altogether presenting a highly satisfactory appearance. In the 112 cast there is no change.—Parry's Shaft: In the sump below the 40 we have what appears to be a splendid discovery of solid lead—lumps weighing 2 cwts. In the rise from the roof of the level the solid stones of grey ore continue. We tried a sample at the Holywell Ticketing with a satisfactory result.

DEERPARK.—J. Goldsworthy, J. Bucknell, Sept. 6: The lode in the deep adit

ry result.

DEERPARK.—J. Goldsworthy, J. Bucknell, Sept. 6: The lode in the deep adit.

the limestone faced with good patches of land, and altogether presenting a nguy satisfactory appearame. In the life as there is no change.—Farry's Sharit in the dening and the state of the level the solid stones of grey ore continue. We tried a sample at the floywell Toketon with a satisfactory of the level the solid stones of grey ore continue. We tried a sample at the floywell Toketon with a satisfactory of the state of the continue of the satisfactory of the state of the state of the satisfactory of the state of the satisfactory of the s

level soon. ST VAN.—W. Williams, Sept. 9: The cross-cut into the main lode at a point N.—W. Williams, Sept. 9: The cross-cut must be made west of shaft, has been driven 33 feet; nothing worth valuing he We have resumed the driving of the level westwards in the so by six men, at 80°, per fathom. The 25 fm. level in the south is now driven 21 fathous west of shaft. We are still having si

seen in this. We have resumed the driving of the level westwards in the soft part of the lode, by six men, at 80s, per futhom. The 25 fm. level in the south branch of the lode, by six men, at 180s, per futhom. The 25 fm. level in the south branch of the lode, by six men at 100s, per futhom.

EAST WHEAL BASSET.—R. Pryor and Son, N. Bartle, Sept. 10: On Friday list we set the following bargains:—North Lode: No. 1 stope, in the back of the 110, cast of cross-cut, by two men, at 8s, per ton; the lode is worth for tin 9/. per futhom. No. 2 stope, in the back of ditto, and east of cross-cut, by two men, at 4/. per fathom: lode worth 7/. per fathom, No. 3 stope, in the back of ditto, and east of cross-cut, by two men, at 4/. per fathom; lode worth 7/. per fathom. The stope in the back of ditto, and west of cross-cut, by six men, at 6/. per fathom. The stope in the bottom of this level, by min men, at 6/. per fathom; lode worth 1//. per fathom. The 10 to drive east, by six men, at 7//. per fathom; lode worth 20//. per fathom in men, at 8/. per fathom; lode worth 7//. per fathom. The 10 to drive west of cross-cut, by six men, at 7//. per fathom; lode worth 20//. per fathom in lode worth 9//. per fathom, 10//. per fathom in lode worth 9//. per fathom, 10//. per fathom; lode worth 9//. per fathom for copper ore. 6//. per for lode worth for tin and copper 10//. per fathom the stope in the back of this level, by two men, at 8//. per fathom; lode worth 9//. per fathom for copper ore. 7//. per fathom 10//. per fathom for copper ore. 8//. per fathom for copper ore. 8//. per fathom in lode worth 6///. per fathom for copper ore. 8///. and 10///. per fathom for copper ore. 8///. and 10////. per fathom in lode worth 6///. per fathom for copper ore 8///. and 6////. per fathom for copper ore. 8////. and 10//////. per fathom for copper ore 8/////. and 10///////////////

We are making satisfactory progress in our dressing department, and shall have a good parcel of tin for sale at the proper time. We have also this month rism over 20 tons of good quality copper ore. Our pay and setting passed off well.

EAST WHEAL GRENVILLE—E. Hosking, W. Bennetts, Sept. 11: The lole in the engine-shaft, sinking below the 120, is 18 inches wide, producing a little tin. There is no change in the 120 cross cut since our last. The lode in the 120 west is 3 ft. wide, and worth for tin and copper 8/. per fathom. The lode in the 120 east is 2/5 feet wide, and worth 10/. per fathom. The stope above the 26 east is worth for tin and copper 12/. per fm. The lode in the 58 east is 18 inches wide, and worth 10/. per fathom. The stope above the 26 east is worth for tin and copper 12/. per fm. The lode in the 58 east is 18 inches wide, and producing saving work for tin. The lode below the 25 is worth for tin and copper 10/. per fm.

EAST WHEAL LOVELL—Richard Quentrall, Sept. 10: The mine is looking quite as well as reported at the meeting.

EXCEDSIOR—G. Rickard, Sept. 10: The lode both in the end and stopes west of Murray's shaft are much the same in value as when last reported on, each point being worth 15/. per fathom for tin, with every prospect before us of our finding a continuation of productive tin ground under the ancient workings throughout the ength of the sett. The ground in the south addit level is a little easier for progress, and continues to let out water freely from the bottom of the end. I am daily expect ting to intersect the lode, which is the same that we are raising our tin from at Murray's shaft. We are stamping and dressing with all possible dispatch in order to make the first sampling at the end of this month,

FRON VELLAN—Captain Harper, Sept. 10: In the level driving west of deep addit the lode is an of a very promising character. In No.1 sump, sinking below the deep addit, on the north part of the lode, the ground and part of the lode is looking much the same, with large spots of l

for Gorsedd pit, sinking, and will lose no time in creeting same. I shall be able to speak about progress in No. 1 sump in my next.

GREAT RETALLACK.—J. Harris, Sept. 6: We have to-day holed the incline level in the 40, west of the engine-shaft, to the adit: it will take the men two or three days more to complete it, after which they will commence clearing out the rise above the 40, where I am told there is a good shoot of ore gone up, which I hope to see next Saturday. In clearing out the 20 east we have come in upon a great mass of rocks of crushed ground, which makes it most troublesome to pass through: the rocks contain a great deal of blende ore, mixed up with horner blende rock, which is most troublesome to break up. The stuff we are getting out from this place is good work for dressing. We have touched the lode at the boundary shaft, but at present it is poor. The men will continue sinking another week, when I hope to have something good to report; the present depth of the shaft is close upon 15 fms.

GREAT ROCK.—J. Kemp, Sept. 11: We are pushing on with the cross-cut as fast as possible, and I do not think we shall have a very long way to drive to cut it; in fact, the ground in the fore-reast indicates a near approach to a lode. I do

will be on Friday next, after which a full report shall be sent you.

LADYWELL -A. Waters, Sept 11: The 16 fm. level to drive south of engineshaft, on caunter lode, by four men, at 5ℓ. per fathom: lode yielding good stones
of ore. This end is nearly south to the best run of ore seen in the bottom of the
adit level. The 1ℓ, north of shaft, on caunter, by four men, at 12ℓ. per fathom:
lode composed of spiendid carbonate of lime and lead ore, worth for ore 2 tons per
fathom. The adit south, on new Britain vein, byfour men, at 5ℓ. los. per fathom;
yielding stones of ore. The 16 to drive north of flat-rod shaft, on main lode, by
two men, at 6ℓ, per fathom; lode 2ℓt. wide, yielding good orestuff throughout.
The shaft is cut down and secured from surface to the 1ℓ, and we are now drawing
through it every day. The shaftmen have cut plat and barrow-road, and are now
getting ready to sink the shaft to a deeper level on main lode.

LEELS AND ST. AUBYN — I Curtis Serve. The other deeper level on the state of the s

through it every day. The shattmen have cut plat and barrow-road, and are now getting ready to sink the shaft to a deeper level on main lode.

LEEDS AND ST. AUBYN.—J. Curtis, Sept. 9: The 40 to drive east of Wilson's engine shaft, by four men, at 50, per fathom; the lode is 18 in, wide, worth 71, per fathom. The 40 to drive west of the same, by four men, at 32, per fathom, worth 84, per fathom, being 2 ft. wide. The 20 to drive seet, by two men, at 64, per fm.; the lode is 18 in, wide, worth 64, per fm. Two stopes in back of the 40 west, by six men, at 25, per fathom; the lode is 2 ft. wide, worth 65, per fathom. The stope in back of the 30 east at 24, per fathom; the lode is 18 in, wide, worth 65, per fathom.—Bastian's Plat-rod Shaft: There is a pare of men now putting a stope over the bottom of the adit to unwater the north part of Wheal Broch lode; this will be completed in about a week. In the tribute department we have 32 men on tribute from 13a, 4d, to 16a, in 14. On the 5th inst. we sold 4 tons 10 cwts. 1 qr. 5 lbs. of tin, at 714. 10a, per ton, which realised 3224. 18a.

MAUGHOLD HEAD.—W. H. Rowe, Sept. 10: The settings for the present month at Dhyrmane are:—Nos. 1 and 2 stopes, 4s. and 5s. 6d. per wagon. New cross-cut driving at 5t. 10a, per fathom. No further improvement in new rise.

At Ballajorra the contracts are from 4s. to 6s. per wagon; and at the shuft sump we shall be able to cross-cut the lode in another 3ft. sinking. The Bridget, carry

ing about 80 tons of ore, was loaded at Dhyrnane on Monday last. The yield of

ing about 80 tons of ore, was loaded at Dhyrnane on Monday last. The yield of ore from all points last month was 400 wagons.

MEDLXN MOOR.—J. Rowe, Sept. 10: The lode in the 6 fm, level west is 4 ft. wide, worth 18, per fathom. The stope in the back of the 6 fm, level is worth 10. per fathom. No change in the 6 fm, level least. We are stamping good work for in. We are preparing to sink the air shaft below the 6 fm, level.

MELLANEAR.—E. Rogers, Sept. 11: The sinking of Gundry's shaft is being continued with the greatest vigour possible, by 20 men; the water in it has increased to 3 strokes per minute, and in the old part of the mine the water is 5 fms. above the 30 fm, level.

NANGILES.—J. Rowe, Sept. 11: The ground in the deep adit cross-cut is improved for driving; we have six men driving with all speed, at 54, per fm. We are driving south from the new shaft to see the lode. We are meeting with branches of goesan, and expect the lode is near. In the south part of the set we have sunk a trial shaft, and are now driving a cross-cut in search of the lode. We have one tribute pitch working on tin, and hope to set more shortly.

NEW CROW HILE.—T. Trelease, Sept. 9: There is nothing new this week. We are urging on the sinking of the western shaft as fast as possible, without any hindrance.

alidrance.

NEW BALE.—R. Niness, Sept. 9: There is nothing new to report, as we have may been able to do so little in the 65, in consequence of the water being in from the heavy floods of rain.—Holly Bank: The ground is still impregnated with lead, at without any perceivable change. Catch pits will be finished by next Thursday f the weather holds anything like fair, as the cement cannot be worked in well-wath windess under over

only been and to be so the heavy floods of rain. — Holly Bank: The ground is sum to be such the heavy floods of rain. — Holly Bank: The ground is sum to be presented by the weather holds anything like fair, as the cement cannot be worked in wet weather unless under cover.

NEW DOLCOATH — J. Vivian and Sons, N. Clymo, Sept. 11: In the 140 west of sink, west of east shaft, the part of the lode on which we are driving is 4ft. wide, and yielding tinstone of good quality, making its value about 30. per fathom. In the rise over the 130, west of east shaft, the lode is increasing in size, being now nearly 2 t. wide, and improving in the production of copper ore, of which it now yields 2½ tons per fathom of excellent quality. In the 33, west of engine-shaft, the lode is now 2 feet wide. The 9 feet in length of the lode which has been taken down since last week's report has yielded about 36. worth of rich tinstone, and about 22, worth of rich copper ore. We shall, of course, continue the driving of this level with vigour, seeing that it is giving such excellent results, and laying open such profitable ground for stoping. The tinstone that we are extracting from this level is of such a high percentage that it can be turned into cash at any time without sacrificing its value. On Monday next we shall commence rising in the back of the 33 just behind the end, as the lode stands unexplored from thence to this depth that this mine, Stray Park, and Dolcoath yielded their largest profits from copper. The price for driving, rising, and sinking in this part of the mine will vary from 5t. to 3t. per fathom, and the stoping price from 30s. to 50s. per fin. We have to-day appointed to meet our engineer, to consult with him as to any suitable stamping engines that may be for sale on reasonable terms.

NEW EAST WHEAL LOVELL.—Charles Bawden, Aug. 29: Since the last meeting operations have been confined to opening on the carbon, which has now been seen for 30 fms. in length; a shaft has been sunk on it as deeps as the water will admit o

fathom. The lode in Comyn's shaft is worth 12\(\text{L}\) per fathom. The lode is shaft the lode is split into small branches, but we are of opinion halfs porary, as we had a slide similar to this in the shaft above, and we start the lode is split into small branches, but we are of opinion halfs porary, as we had a slide similar to this in the shaft above, and we same results will follow after we have passed through the same the lode proved as rich as ever it had been, and we same results will follow after we have passed through the slide now had same results will follow after we have passed through the slide now had some property of the slide now had some property of the slide of the same results will follow after we have passed through the slide now had good progress in building stamps engine-house.

PEN HALLS,—8. Bennetts, W. Higgins, Sept. 6: The 80 west in with change. In the 70 west the lode is 2 ft. wide, of a promising classary ducing some tinstuff. The 60 east contains a leader of tinstuff, worth it we consider this very satisfactory in reference to the eastern per of high we consider this very satisfactory. In reference to the eastern per of high we consider this very satisfactory in reference to the eastern per of high we consider this very satisfactory. The follow. A stope over is worth 15\(\text{.}\) per fathom. The 50 east is worth 4\(\text{.}\) per fathom the eastern per of the stope over is worth 15\(\text{.}\) per fathom. The 50 east is worth 4\(\text{.}\) per fathom per fathom. In the western is mine a stope west of the cross-course is worth 12\(\text{.}\) per fathom the saving a consequence and settled; the same level west is producing some tinstuff, but not of not hear a stope west of the cross-course is worth 12\(\text{.}\) per fathom. At Sarah 12\(\text{.}\) are specified worth 30\(\text{.}\) per fathom. At Sarah 12\(\text{.}\) are specified worth 30\(\text{.}\) per fathom. At Sarah 12\(\text{.}\) are specified worth 30\(\text{.}\) per fathom. At Sarah 12\(\text{.}\) are specified worth 30

has further improved this week, and is now opening up tribute ground. The stopes at the 50 and 65 are also looking better. We purpose sampling on Tuesday next to 5 parcels of corpicions.

It parels a for opicions.

Sump: The shaft is now in a fair way of sinking below the 150 fm. level, and the penthouse there all complete. In the rise in the 140 fm. level west the lode (Martin's) is worth 82, per fathom. In the 130 west end the lode (Martin's) is worth 82, per fathom.—Cobbler's: In the 130 west end the lode (Martin's) is worth 82, per fathom.—Cobbler's: In the 130 west end the lode (Martin's) is worth 82, per fathom. In the 150 west rise the lode (Martin's) is worth 82, per fathom. In the 150 west end the lode (Martin's) is worth 82, per fathom. In the 150 west end the lode (Martin's) is worth 82, per fathom. In the 150 west end the lode (Martin's) is worth 82, per fathom. In the 80 west end the lode (morth) is worth 150, per fathom. In the 80 west end the lode (morth) is worth 150, per fathom. In the 80 west end the lode (morth) is worth 150, per fathom. In the 80 west end the lode (morth) is worth 150, per fathom. In the 80 west end the lode (morth) is worth 150, per fathom. In the 80 west end the lode (morth) is worth 150, per fathom. In the 80 west end the lode (morth) is worth 150, per fathom. In the 80 west end the lode (morth) is worth 150, per fathom.—Trevens: In the 40 west end the lode (morth) is worth 150, per fathom.—Trevens: In the 40 west end the lode (morth) is worth 150, per fathom.—Trevens: In the 40 west end the lode (morth) is worth 150, per fathom.—Trevens: In the 40 west end the lode (morth) is worth 150, per fathom.—Trevens: In the 40 west end the lode (morth) is worth 150, per fathom.—Trevens: In the 40 west end the lode (morth) is worth 150, per fathom.—Trevens: In the 40 west end the lode (morth) is worth 150, per fathom.—Trevens: In the 40 west end the lode (morth) is worth 150, per fathom.—Trevens: In the 40 west end the lode (morth) is worth 150, per fathom.—Trevens: In the 40 west

othe Standard lode 55 fathoms towards Wheal Pink lode, and is progress-ent detectority. The 36 fm. level cross cut is driven north towards Wheal Wenze

ARNE UNITED .- J. James, Sept, 10: We are busy fixing pitwork a

NEUNITED.—J. James, Sept, 10: We are busy fixing pitwork at age broken some good samples of tin from the 22 in the eastern part We find a choic in the eastern shaft that must be cleared before we 34. We shall erect a horse-whim here at once.

NDCIRROW.—Joseph Vivian and Skns, Wm. Williams, Sept. 11: NDCIRROW.—Joseph Vivian and Skns, Wm. Williams, Sept. 11: to King's shaft, the lode is worth 25t, per fathom. The same level about 10t, per fathom. The rise in the back of the 71, west of King's about 26t, per cubic fathom. In the 71, east of King's shaft, we are atth in the cross-course, and as soon as we reach the south wall of commence driving east on it. The 61, east of King's shaft, is worth n. In the 29, east of Fraser's shaft, the lode is 2 ft. wide, and worth in. In the deep adit level, east of we whaft, the lode is 1½ ft. wide, per fathom. In the deep adit level, east of Willyam's shaft, the dressed ready for the smelting house. LEAT WORK.—S. J. Reed. Sept. 10: The flat-rod shaft has been he 25, having been divided and cased to that level, from which point drawing with the whim during the week. The Orchard lode en cast 6 ft. in a splendid looking lode, fully 4 ft. wide, composed chlorice, worth 15t. per fathom for tin. We shall now begin to a lode of equal size and value. This speaks well for a young mine in a lode of equal size and value. This speaks well for a young mine in a lode of equal size and value. This speaks well for a young mine in the eligible of the ground passed over in the level above. The engine that the want of stone.

HILLE—WH. Skewis, J. Prowse, Sept. 6: The end driving east the stone of the worth gest.

storily. Sept. 11 : In the 120 north we have six men

thistone. No further discovery has yet been made in the at the 48.

JLS.—T. Parkyn, Sept. 11: The water has all gone from are engaged in driving to intersect that lode. We have see, and taken out that large pile of lodestuff I pointed out out time ago. The china-clay people having removed a have opened the north lode, found so rich in the adjoining I am pleased to say the lode is equal in value as in Wheal ing this lode was totally neglected, or was not known, and laving worked in St. Dennis Consols as an underground wall the lodes that were worked on, and I can say with is great north lode and the south lodes will yield equal, if les wrought on, and they can be intersected by cross-cuts which is standing good from the surface, 22 fms. below the y of good paying tinstuff can be had. The bottom of the hadit.

MATED.—R. Pryor. Wm. Bawden, T. Richards, Sept. 9:

below the adit. ALGAMATED,—R. Pryor, Wm. Bawden, T. Richards, Sept. 9

points or operate stiff actorily. Saturuay open up most satisfactorily. Saturuay of shall be forwarded.

AND NANCY CONSOLS.—H. Francis: Nancy and the venture of Nancy and thevel. The venture of the shall be satisfactorized. The sinking here is progressing satisfactorized. The sinking here is progressing satisfactorized. The sinking here is progressing satisfactorized.

of 10 tons of lead, rich in silver, and now on the dressing floors ready for the market. For the further prosecution of those lodes going into the hill in virgin groad, where the junctions of the different lodes are known to exist, we are now estending the adit level for the purpose of intersecting the whole of those junctions already alluded to, at or nearly 20 fms. deep, where we calculate on finding some very satisfactory results, junging from the character of such beautiful mineral radiation in which the lodes are embedded. About ½ mile north of the silver-lead lotes, near the bank of the River Tamar, is the manganess department, situated and going east from the river through a large tract of table-land, and thence embessing a gradual slope to the foot of the hill some 20 fms. high, in which the lode is known to exist, and opened upon in several places by shoad or shallow pits, as the by a trial-shaft sunk some short distance north 5 fm. deep, from which a cross-cut is driven into the lode over 12 ft., and not through it. The character of this large and masterly lode is everything that can be desired, at this shallow depth producing very fine gossan and cupel, with good stones of manganess. Specimens and samples of the same were taken from the shaft broken by the deputation of gadlemen from London who visited the mine to-day, and theroughly inspected he whole plant and machinery, including the surface operations, particularly the extent of lode on the manganese to be, which is considered full 400 fms. in length. After a careful survey, those gentlemen manifested a very favourable opinion of he property, and said it was highly satisfactory to find its general appearance point, as a very influential mining gent man, who lives not be miles from the mine, so mach better than they had anticipated, which is not the only opinion upon this has on several one cassions repated me no communicate with the directory, in order to dispose of this part of the property as they do not seem inclined to work, alticularly the c

quired in pushing on the workings on the lode further east, where we calculate on

quired in pushing on the workings on the lode further east, where we calculate on some important discovery also.

TAMAR VALLEY—J. Goldsworthy, Sept. 11: The sinking of Weston's engine-shaft is being forced on with all possible dispatch; good progress has been made since last report. There is no change to notice in the tribute department or stopes for fluor-spar. Machinery in good order and working well.

TANKERVILLE—Arthur Waters, Sept. 10: Setting Report: The 140, west of Watson's shaft, by six men, at 184, per fathon, lode worth 2½ tons of lead ore per fathom, worth 5 tons per fathom. The stope in back of the 140, west of shaft, by six men, at 64. 10s, per fathom, worth 5 tons per fathom. The stope in the 140, west of winze, by six men, at 64. 10s, per fathom, worth 4 tons per fathom. The 110 to drive east of winze, by six men, at 154, per fathon, worth 3 tons per fathom. The 130, east of winze, by six men, at 154, per fathon, worth 3 tons per fathom. The stope in back of the 130, east of shaft, by six men, at 64. 10s, per fathom, worth 4 tons per fathom. The stope in back of the 130, east of shaft, by six men, at 66. 10s, per fathom, worth 4 tons per fathom. The stope in the 120, east of shaft, by six men, at 66. 10s, per fathom, worth 3 tons per fathom. The stope in the 120, east of shaft, by four men, at 144. 10s, per fathom, worth 2½ tons per fathom. The 100 west of shaft, by four men, at 144. 10s, per fathom, worth 25 tons per fathom. The 100 west of shaft, by four men, at 144. 10s, per fathom. We have to-day sold 75 tons lead ore, the produce of a fortingith, at 156, set of old shaft cross-out, by eight men, at 20, per fathom, lode worth 2 tons per fathom. We have to-day sold 75 tons lead ore, the produce of a fortingith, at 156, set, deep ten.

TERRAS (Tim.)—John Michell, Sept. 11: Our stopes in bottom of the winze, also the one in the back of the adit level, are still producing fair quality thistuff. We are making fair progress in completing the transway to bring the stuff to the stamps.

per autoni, son worth 2 tons per fathom. We have to day sold 55 tons lead ore, in the bollow of a cortaining, at 167, 85, 61, per ton.

In the bollow of a cortaining, at 167, 85, 61, per ton.

We are making fair progress in completing the transway to bring the staff to the stamps.

TREGANATHA (Brown Hematic Iron Ore).—8. R. Cocks, 8pt. 11: We are driving north and south on the course of the lode at the bottom of the mine, and we find the lode much improved at this depth to what it was in the open workings at surface; the lode is now proved so as to guarantee the erection of pumping machinery and sink the mine to a greater depth, so that enormous returns can be made. Our shaft is in good working order: horse-whim, &c., erected, so as to facilitate the petting of iron ore. We are also engaged in sinking on the crurse of the orter of the cort of the

oked forward to. CARADON.—N. Richards, J. Pryor, Sept. 10: The new shaft sinking in

tion in the course of a few days.

SET GODOLPHIN.—J. Pope, jun., Sept 10: Caunter Lode: No lode taken in Pressure shaft since my last report. The lode in the 40 fm. level, driving west of Pressure shaft; is worth 10, per fathom. The lode in the stope in back is level is worth 2, per fathom. The lode in the 40, driving south-east of mre shaft, is worth 10, per fathom. The lode in the 40, driving south-east of mre shaft, is worth 5, per fathom. The lode in tivian's shaft, suking below leep adit level is small. The lode in the deep adit level, driving south-east of m's shaft, is 2ft, wide, saving work for tin, a very kindly lode.—Pink Lode: ode in the 40, driving east of the caunter, is not looking so well as it has been, esent split with a horse of granite, but 1 think this will improve again very as the horse appears to be cutting out again, and we may look for an imment at the point of the horse. The stope in the back of this level is worth refrathom. There is no change in the 40, driving west of the caunter, since is report. The lode in the stope in the bottom of this level continues of its er value, 40, per fathom. I will send a full report in time for the committee ing, on Tuesday next.

SET GREAT CONSOLS,—R. Pryor, H. Vial, Sept. 10: Good progress is made in cutting down Broadgate engine-shaft, and we shall shortly come to fix the pitwork therein. The engineers and carpenters are getting on with the erection of the engine, and all things at surface are being vigorously do on. Saturday next being our pay and setting-day, a full report shall be you.

pushed on. Saturday next being our pay and setting usy, a tan report and sent you.

WEST GREAT WORK.—Sam. Reed, Sept. 11: In the 16 east, on the Trescow Moor lode, we have just passed through a branch of lead, which somewhat disordered the lode; it, however, is now improving again, and worth 15/. per fathom. In the west end the lode is 3ft. wide, worth 9/. per fathom. In the 10 we have driven on a good section of tribute ground for 30 fms. in length, and the west end is now opening up good tribute ground. The flat-rod shaft is being got down with as much dispatch as possible, although considerable quantities of timber have to be used to secure the shaft at and near the adit, where the lode had been taken away for several fathoms in height by former workers; we shall now, however, begin to sink in entirely whole ground. Leeds north lode, in the flat-rod shaft sinking below the 20, is 2½ fit, wide, impregnated with rich yellow copper ore, and gradually improving as we sink.

sink in entirely whole ground. Leeds north lode, in the nat-rod snat summy below the 20, is 2½ ft, wide, impregnated with rich yellow copper ore, and gradually improving as we sink.

WEST JEWELL.—Jos. Michell, Sept. 11: The lode in the 57, west of Greene's engine-shaft, is about 29 in, wide, composed of peach, quartz, and a little tin. In driving this end west a short way we surely shall meet with a course of tin, especially when we take into account the rich courses of tin the late workers had in the different levels above, further west than the 57 has yet been driven. The stopes and tribute pitches are looking much the same as for some time past.

WEST MARIA AND FORTESCUE CONSOLS.—W. Skewis, N. Coward, Sept. 10: West Maria Lode: In the 93 cast the lode has been taken down since last report; it is now about 6ft, wide, and worth 55, per fathom for copper. In the 93 west we are pleased to say the lode has been best towards the bottom of the end, and there is every appearance of its making up higher as extended upon further west.—North Lode: The winze in the 71 west is still worth 20, ber fathom for copper. The stope back of the 71 west is worth 254 per fm. for copper. In the 69 west the men are taking down the lode, which is 5ft, wide, and worth 6c, per fathom for copper.

WEST MILWR.—W. Francis, Sept. 11: The operations during the past week have been confined almost exclusively to the re-opening of No. 2 shaft, on the adit, which is now fast approaching completion as deep as the level. We have found the want of ventilation in driving the cross-cutsouth from the West Meadow shaft,

and have had to order air-pipes, &c.; we intend resuming this trial early next welk, when we expect to have all fixed and complete.

WEST PANTY-GO.—S. Harper, Sept. 10: I regret that I cannot report to you the cutting of the lode in the 75 cross-cut north, at the same time stronger indications of the near approach to a lode we cannot have in the end: we have branches of mineralised spar, quartz, glist, &c., disseminated throughout the end, with a nice wall on the east side: with such indications any practical man would at once conclude that we might meet with a lode at any time. In support of this I send you copy of Captain W. Wasley's report on the cross-cut, who was on Monday last underground inspecting for a shareholder. Capt. O. L. John, of the Halkyn Deep Level, was here about a week since, and from what he saw of the stuff drawn up he is of the same opinion as myself; in fact, there can be only one opinion on the subject, both with agents and men, as to what the result will be, provided the shareholders will have a little more patience, coupled with a little more outlay, when there is not the slightest doubt they will be rewarded for all their outlay and perseverance.

he is of the same opinion as myself; in lact, there can be only one opinion on the subject, both with agents and men, as to what the result will be, provided the shareholders will have a little more patience, coupled with a little more outlay, when there is not the slightest doubt they will be rewarded for all their outlay and perseverance.

WEST PANT-Y-GO.—W. Wasley, Sept. 8: Special Report: I have this day intersected the West Pant-y-Go Mine, and am pleased to say that there is a great improvement in the ground in the 140 yard level cross-cut since I inspected the mine before, and I fully believe they will not have to drive many yards further to cut the lode, which I have not the least doubt will be found rich, and I thoroughly advise you to hold all the shares you have. Only that I have a large number of shares in different mines, I would buy all the shares I could get at about 5s, per share. The ground in the cross-cut is hard for driving, or they would have cut the lode ere this, and perhaps the lode is underlying a little more than was calculated on, but when they do cut it, and drive levels, &c., on its course, I fully believe they will have a splendid mine. The mine is supplied with all the necessary pumping englies, &c., so that the only cost that has to be incurred is spent in exploring the ground, which I consider equal to any piece of ground I know of in Wales.

WEST ROSKEAR.—Thomas Glasson, Sept. 11: The lode in the western end has much improved since my last report, and it will produce about 7 or 8 tons of rich tinstuff per fathom; we have now about 15 tons at surface. Last week we sent away a pared of silver-lead, which realised 2%. 8s. per ton.

WEST WHEAL TOLGUS.—Sept. 19: There is not much alteration in the lode on totic in the north and south lodes since last report,—Messer's: As we clear up the bottoms below the 30 we find we are discovering good paying tin ground, and are not as yet to the bottom of the old men workings. A full report of the value of the different points in operation shall

in good working order.

WHEAL BASSET AND GRYLLS.—W. Oats, P. Prisk, Sept 11: There is no change of importance to notice since last report, everything going on in regular course. The adventurers' meeting will be held next week, when a full detailed report will be presented.

WHEAL COATES.—W. H. Martin, Sept. 8: Since setting-day the following work has been done:—The engine-shaft is sunk 7 ft. 6 in.; set to nine men and three boys, at 24.8, per fathom, to complete to sump. The 10 east end is east of ladderroad winze 14 fms. 9 in., worth on an average 8!, per fathom; driving by three men and three boys, at 24.8 per fathom. I am pleased to state that the tin ground is lengthening several fathoms east beyond the tin ground in adit level. The stope in the back of the 10 is yielding fair quality tinstuff, worth 8!, per fathom; stoping by three men and three boys, at 4!. Per fathom. Ladder road winze is down 7 fms. 3 ft.; sinking by six men, at 12!, per fathom; the lode during the month has improved, now worth 15!, per fathom. No. 2 winze is down 5 fms. 4 ft. 6 in.; sinking by six men and three boys, at 14!, per fathom; the lode has also improved as depth is attained, worth 15!, per fathom; the progress has been rather slow, it being very wet for sinking, and the men have been engaged putting in timber to secure the ground. The stope in the bottom of the 10 is producing the usual quality tinstuff, worth 10!, per fathom; stoping by six men and one boy, at 5!. 10s. per fathom; the work here has been returded, owing to some of the men having been laid up (ill). At surface we have built and erected a 12-ft, water-wheet to drive the round buddles, added two more round buddles, and put on the wooden roof to the dressing-thouse. We purpose to built and erected a 12-ft, water-wheet to drive the round buddles, added two more round buddles, and put on the wooden roof to the dressing-thouse.

iathom; the work here has been retarded, owing to some of the men having been aid up (ill). At surface we have built and erected a 12-ft, water-wheel to drive the round buddles, added two more round buddles, and put on the wooden roof to the dressing-floors.

WHEAL CREBOR.—J. Goldsworthy, Sept. 9: In the 120, east of Cock's shaft, the men are taking down the lode, which continues the same in size and value, a fine course of copper ore, and indicating improvement. In rise in back of the 120 fair progress is being made by the slite of the lode. In the winze below the 108 fair progress is being made by the slite of the lode. In the winze below the 108 fair progress is being made by the slite of the lode. In the winze below the 108 fair progress is being made by the slite of the lode. In the winze below the 108 fair progress is being made by the slite of the lode. In the winze below the 108 fair progress is being made by the slite of the lode. In the winze below the 108 fair progress is being made by the slite of the lode. In the lode will be raken does not the lode of the

one to all the workpeople on Saturday next, all the men being glad your prospects are so good here.

WHEAL UNY.—Wm. Rich, M. Rogers, S. Coade, jur.. Sept. 6: At the usual monthly setting yesterday Hinde's engine shaft was set to sink below the 90 to nine men, at 30. per fathom. The 1:00 cross-cut driving towards Hind's engine-shaft was set to six men, at 15. per fathom. The skip road is fixed in King's shait to the 120, and we hope to have it completed so as to heal from the 130 by the end of next week. The lode in the 150, east of engine-shaft, is worth 5. per fathom. The 140, east of Goodinge's, is worth 10. per fathom. We intend to drive the 130 as soon as King's shaft is made complete to this level. The 120 cast is worth 8. per fathom. The 10 cast is poor. There is nething new in the wince below the 110. The 90 cast carries a little tin. The 80 cast is worth 5. per fathom. The 160 cast is nown with the wince when the wince below the 10. The 90 cast, and shall now resume the driving on its course. We are rather short of water for the stamps: the engine is working 3½ strokes per minute, which is hardly sufficient for our tin dressing floors.

WHEAL WHISPER.—John Moss, Sept. 10: We have some very good work in our north stopes. The nearer we get to the intersection the better our work is. I never saw our stopes as a whole looking better than at present. I think our next return of tin will be a good one. Machinery and men are working satisfactorily.

VIENNA EXHIBITION.—Messrs. Atkins and Co., engineers, 62, Fleet-street, have received the medal of merit for their eistern filters for household and bar-rack use, and for the camp filter cart supplied to Her Majesty's Indian Government.

# \*\* With this week's Journal a SUPPLEMENTAL SHEET is given, containing: Mr. Hermon's Prize Essays for the Prevention of Colliery Accidents —Foreign Mining and Metallurgy—Meetings of the North and South Staffordshire Engineers—Tylwydd Silver Lead Mining Company—Meetings of the Great Wheat Vor, Cwm Dyfor, Crenver and Abraham, Aberystwith, South Roskear, Tylwydd, and Drake Walls Mining Companies, &c., &c.—Original Correspondence: Deposits of Magnetic Iron Ore in Brazil (G. A. Original Correspondence: Deposits of Magnetic Iron Ore in Brazil (G. A. Witt and Co.) Mining in New South Wales (R. Adams); Gold Mining in Central Coal Company: American Mining (R. Knapp); Gold Mining in Central Coal Company: American Mining (R. Knapp); Gold Mining in Central Coal Cornwall Polytechnic Society (T. A. Warrington); Mining in North, Wales and its Prospects (R. Knapp); Mining in Montgomeryns; Royal Cornwall Polytechnic Society (T. A. Warrington); Mining in North, Wales and its Prospects (R. Knapp); Mining in Montgomeryns, No. VI.; Mining in Stropshire—Knapp); Mining in Montgomeryns, No. VI.; Mining in Stropshire—the Bog Mine; Mr. Green's Soff-Acting Dressing Machinery (H. Tyack); The Bog Mine; Mr. Green's Soff-Acting Dressing Machinery (G. Green); Sent and Future (R. Tredimick); Tregarlock Great Lode (J. Spargo); Nant-y-Ricket Copper and Leaf Mining Company; Richmond Consolidated Silver Mining Company; Tecoma Mine; Flagstaff, Last Chance, and Tecoma Mines, &c.

Australian Tin .- We are informed by the highest and most experienced authorities, that a practical agent, sent over by them for the purpose of making full enquiry and ascertaining all particulars, reports unfavourably of the capacity of the tin streams to yield

RYNKINALT.—Operations are here being actively carried on, and the output, which when the present company took possession was but 85 tons per days, has been increased to 120 or 130 tons per day, and good progress is being made in sinking the new pit. The company has a capital of 60,000l., in shares of 5l. each, and its property being situated in the very centre of and surrounded by a valuable and well proved coal field—the Black Park Colliery, adjoining, on the north side of Brynkinalt, being in full working operation, and raising about 300 tons of coal daily, whilst the newly-acquired ground is contiguous to the Moreton Hall Colliery, which is also in full operation, and yielding also large returns to the proprietor; the Ifton, Quinta, Prys-Gwyn, and other collieries are close by. The shares are now quoted 5½ to 6½. The prospectus will be found in another column. another column.

another column.

Cwm Dwyfor.—At the meeting on Thursday the position and prospects of the mine were stated to be highly satisfactory. Some stones of ore of excellent quality were exhibited, and there are many hundreds of tons of equal value already at grass awaiting the completion of the dressing machinery of the Gorsedda Railway before it can be converted into cash. The railway will be completed before the end of the present year, and it was confidently stated that a dividend would be declared before the next general meeting. The proceedings at the meeting are reported in another column.

Yes Conserts—The following letter has been received from a cor-

The proceedings at the meeting are reported in another column.

Van Consols.—The following letter has been received from a correspondent who has had many years' experience in mining matters, and who is well capable of forming a sound judgment:—

Sig.—I have been underground here nearly all day, so that I have only time to eatch the post, and I write in consequence of the valuable information I have to send you as to the great improvements in the 60 fm. level, and also in the winze in the bottom of the 45, about 9 fms. ahead. The lead ore has come in, succeeding and also accompanying the large deposit of carbonate of barytes in the 60, and is worth 80. to 90. per fathom, whilst the lode in the winze ahead is worth 100. per fathom and unwards. The mine is opening out remarkably rich in the lower levels, and, doubtless, will become a grand mine in depth. I have rarely seen in all my experience a lode so rich, or with better indiscations of greatly increasing in value. It is difficult to estimate the value of such a lode—10 to 12 ft. opened on—where neither wall can be seen. The plant and machinery, with tramways, dressing-floors, &c., all worked by an unlimited supply of water, are excellent. The unexplored eastern ground towards the Van Mine is a most promising undertaking. I would have written more-from the spot had I not found you were so well posted up on every point in the mine. I fully concur with the tenor of Captain Roach's reports.—F. G. S. Spr. 10.

Carbon Mining Company.—In the manager's report, presented

CARDEN MINING COMPANY.—In the manager's report, presented the meeting of shareholders, noticed in last week's Mining Intraul, it was menoted that Captain Nancarrow stated that—"One of the east and west lodes runs to the hill at a point where it is almost perpendicular: this lode is at surface from fact to 20 feet wide (nut 'inches,' as we erroneously printed it), and carries very the lead—indeed, it is a splendid lode."

rmation of the company, only a few months since. It has some 60000, worth of do re broken and sold, and has already entered the Dividend List. The cutting the lode in the 45 some fathoms earlier than was expected is a very important sture, clearly showing that the lode is getting larger and more productive in depth any thousands of pounds have been added to the value of the mine by the disvery just made. GREAT WEST VAN .- This mine has made great progress since the

RULLY.—The suit of this company against the claimants of the issuit Mine came on for hearing on Aug. 5, and subsequent days, on the rule show came against the injunction obtained by the Ruby to prevent their work; the Jinksville Mine, on the ground that it is a spacer accessory of the Dander, we Mine, one of the mines of the Ruy. The title of the Ruby Company to the Duniercocce where was the personnel of the firsty. The only point left for the jury the fact of the connection in ore of the Jinksville with the Dunderberge. Our point the greats and Livyers of the Raby are combined to success. The case we tried on Oct. 8, unless the defendants offer terms so favourable as to induce Ruby to compromise. The 20s tons of ore replayined by the Jinksville have be liberated, and smelting proceeds. The accounts of the mine continue favourable

MR. E. CAVENDISH TAHOURDIN, SWORN STOCK AND SHARE BROKER, 13 AND 14, CORNHILL, E.C., and SHREWSBURY, as for SALE, for CASH or ACCOUNT, the following SHARES:

	Buyer.	Seller.	a, the tonoring owner.	Buyer	P	Seller.
▲berdaunant			Lovell			8 3%
Allt-y-Crib1	24 64	154.	Last Chance		6	
Bog	£ 13/	£ 176	Newfoundland	5		
Boscaswell Downs	1/2		North Treskerby		4	16
Bir tweye Creek	2	2%	New Silver Rake	5		512
Brendovd			Old Batholes		4	3%
Clee Hill Colliery	3/	1	Pennerley		Ś	134
Carn Brea	97 34	99	Penstruthal	3/4		7%
Cwm Elan	7s. 6d.	89. 61.	Plynlimmon	58.		
Cook's Kitchen	16	17	Perkins Beach	78.	***	98.
Chontales	59	34	Richmond Consols	63	5	63%
Cerlar Creek	134	3	Roman Gravels			1856
Devon Consols	114	176	Rookhope Valley		5	134
Don Pedro	10s	148.	Sierra Buttes			
East Foxdale			South Roman Gravels		2	23.6d.
East Van	31/4	4	Sweetland Creek		***	51/4
Emma	3	31/4	Tankerville		5	13
East Lovell	14	141/2	Tecoma		***	21/3
Eberhardt	31/4	4	Tincroft			46
Fortescue	98		Tyllwyd			11/8
Flagstaff	434	4 1/2	Van			
Grogwinion	11/4	3	Van Consols		5	43/4
Gold Run	45	Ss.	West Tankerville	.3	***	31/4
Cawton	1	136	Wheal Crebor		í	31/2
Great Laxey	14	15	Wheal Grenville	5		51/4
Hingston Down	416	5	Wheal Mary	3		4
Ladywell	31/4	31/2	W. Caradon	3. 91.		3s. 3d.

SPECIAL BUSINESS in-

Mr. Tahournin being in direct telegraph communication with Utah is enabled to give reliable information upon these properties; and shareholders will do well to consult Mr. T. before buying or selling.

Tecomi.

3. - The Mines of the Shropshire District.

3. - New Silver Rake: These shares should be secured for a great rise in price.

English and Foreign Stocks, Railway, Bank, Dock, and other Shares dealt in at e'osest prices for cash or account.

CITY OFFICES, -13 AND 14, CORNHILL, E.C.

MR. THOMAS SPARGO, MINING ENGINEER, STOCK AND SHARE DEALER, 224 AVD 225, GRESHAM HOUSE, OLD BROAD BROAD LIBERT, LONDON, E.C.

SHARE DEALER, 221 AND 225, GRESHAM HOUSE, OLD BROAD BIREET, LONDON, E.C.
THE MENTAN TRY MINING COMPANY (Limited),—I recommend the immediate process of shores in this common, The company is divided into 1000 to constant the second of the process of the second of the process of the second of the process of the second of the GOLD, SILVER, and SILVER LEAD MINES of AMERICA, and to the REDUCTION of the various ores under the most indroved and best adapted Machinery and Furnaces, I am prepared to ADVISE UPON and EXAMINE any property offered on the English Market. Only care ally prepared and perfectly reliable reports will be given. I am also prepared to TARE CHARGE OF and CONDUCT ANY OPERATIONS, where the owners are des rous of meeting with a manager who will faithfully study their interests unbiased by outside influence.

Address, care of A. Kiment, Eq. Vice-President, Napa Quicksliver Mining Company, Box 1621, Pos Office, New York; or Meers. Hadden and Co., 33, Chamber-street, New York.

# The Mining Market: Brices of Metals, Ores, &c.

METAL MARKET-LONDON, SEPT. 13, 1873.

		_					-
COPPER. £ 8.	d. £ s.	. d.	IRON. per ton. £	8.	d. £	8.	d.
Best selectedp. ton 95 0	0- 99 0	0	Bars Welsh, in London12				-
Yough cake and tile, 93 0	0-98 0	0	Do., to arrive12	5		-	
Sheathing & sheets 99 0	0-103 0	0	Nail rods12			-	
Bolts100 0	0		" Staffd. in London 13	5			
Bottoms100 0	0-103 0	0	Bars ditto13	5	0-14	0	0
Old 85 0	0		Hoops,, ditto14	5	0-16		0
Burra Burra 93 0	0- 94 0	0	Bars , at works 12	5	0-15	0	0
Wireper lb. 0 1	03/4		Hoops,, ditto13	5	0-16	0	0
Tubes 0 1			Sheets, single, & plates 15			0	0
			Pig No. 1, in Wales 5	0	0-6		0
BRASS.	10.1 11.	1	Refined metal, ditto 7	0		0	0
Wire	1017-110	A,	Bars, common, ditto 11	10	0-11		0
Tubes	10% 0	1/4	Do., mrch. Typeor Tees 11		0-11		0
			Do., railway, in Wales 11				0
Yellow metal sheathing	9:1	_	Do., Swed. in London.19				0
Sheets	834d	-	To arrive20			0	Č
SPELTER.	per ton.		Pig, No. 1, in Clyde 5	5			0
Foreign on the spot 27 1	0		Do., f.o.b. Type or Tees 4				Č
, to arrive			Do., Nos.3,4, f.o.b., do.		-	20	_
			Railway chairs 5	5		0	0
In sheets 32 1			, spikes12	10	0-14	0	0
In sheets 32 1	) 0-33 (	) 0	Indian Charcoal Pigs,		0-10	0	
QUICKSILVER (p. bot.) 15	0- (non	n.)	in London, p. ton10	0	0-19	0	•
TIN.							0
English blocks £127 0	0-128 0	0	Swed., in kegs (rolled)	1	er to	a.	
	0-129 0		Swed., in kegs (rolled)	_	-	-	
	0		Ditto (hammered)21			10	0
	0-131 0	0	Ditto, in faggots	-	-	-	
	0-128 0		English, spring25	0	0-	-	
TIN-PLATES.	per box.		English Pig, com23		er to		
IC Charcoal, Ist qua. † £2			English Fig, com23	10	0-	-	
IX Do., 1st quality 2			Ditto, L.D	U	0-	-	
IC Do., 2d quality 1 18			Ditto, W.B25	0	0-	_	
IX Do., 2d quality 2			Ditto, sheet24	10	0-	-	
IC Coke 1 1:			Ditto, red lead24	10	0-25	10	0
IX Ditto 1 18			Ditto, white30	0	0-32		0
	0-23 10		Ditto, patent shot26	10		0	0
Ditto, at works 22 0			Spanish22	15		_	
* At the works, 1s, to 1	s. 6d. per	box	less. † Add 6s. f	or e	ach X		

REMARKS.-A satisfactory amount of business has been transacted

Terne-plates 2s. per box below tin-plates of similar brand.

Remarks.—A satisfactory amount of business has been transacted in metals generally, and in some instances higher prices have been established. It is probable that steadiness will be the characteristic feature of our markets for the next few weeks, as money is slightly easier, instead of getting dearer as some expected. The Bank rate not having been altered last Thursday has in great measure allayed the feeling of uneasiness in respect to monetary affairs. The continuance of high prices of metals affords a great stimulus to foreign productions, and it is feared that a great loss of trade will hereafter consequently be sustained. The Belgian and American houses are taking away our orders for iron, and the French are now offering copper below the prices quoted in our market.

Copper.—The market has been very steady during the week, and though no material change in price has occurred the tendency has been towards higher prices. On Saturday upwards of 1000 tons of Chili bars are reported to have changed at from 85/, to 85/, 10s. net, sharp to usual cash; and 86/, 10s. three months for Lota; and g.o.b. and special brands from 85/, to 87/, ; and "J. Edwards," 87/, 15s. The sale of nearly 1000 tons Australian was also reported. Burna from 92/, 10s. eash up to 94/, according to prompt; and Wallarcoo at about 94/, cash. English raw copper was dealt in to some extent. On Monday the position of the market was firm, about 500 tons Chili bars changed hands at about 94 cash. English raw copper was dealt in to some extent. On Monday the position of the market was firm, about 500 tons Chili bars changed hands at about the rates which ruded on Saturday; and Australian, 33/, 15s. to 94/, 10s., according to brand and prompt, the latter not exceeding one month. On Tuesday advices from Chili were received by telegram announcing the charters for the first fortnight in August to be 1600 tons bars; stock on the Costs, 6500 tons. This announcement added stability to the market 10s of 10s ome extent by speculation rather than by legitimate demand, it may ald the latter not increase and the former fall off, lower prices may be

IRON.—The fluctuations which have been experienced in the Glasgow market during the last week or two have not affected the North of England district to the extent that might have been expected, the reason being that the Glasgow warrant market is much more sensitive, in consequence of the predominating influence of the speculative element, than that at Middlesborough, where far the largest proportion of the make of pig iron is taken up by manufactures of At the present moment, owing to the improved each into for impact 700, a large quantity of pigz is sold for home consumption, and considerable ship-cents are being made to the Continent. No. 1 from is quoted at about 110a, 64; No. 3, 192s, 64; No. 4, 92s. Meter's stocks show an increase in the returns of August as compared with those of July to the extent of about 12,000 tons. This result is due in great measure to the increased output of last month as against that of July, and the nontinued absence of demand from America. The make for the month of August was 15s (27 tons, being an increase of about 5000 tons as compared with August, 1872. Sulpments to foreign ports for the last month were nearly 34,000 tons, and shipments constwise show a failing-off of more than 3000 tons, assaginst those of the similar period last year. Makers' stocks stand at upwards of 61,000 tons for August. Should stocks 90 on increasing, the immess of the market cannot be maintained. It is feared that the American trude will never again be what it has been with the Mother Country. The high prices on this side have effectually stopped the American demand, while at the same time the requirements of the country are such that arrangements for the development of the iron industry in America are being carried out with characteristic energy. The hope of the North of England lies very much in the demand will improve, but the high prices which are now ruling will effectually reduce the breath of orders to the lowest possible point consistent with efficiency. Labour difficulties are presented from this source. The companies which are in a position to supply the mishing processes are realising good profits at present prices. The account of the Conset from Company (Limited) show profits for the welve months ending June of 302,0002.

of the Consett Iron Company (Limited) show profits for the twelve months ending June of 302,000. The position of the iron trade in South Wales is fully satisfactory. Here, as in the North of Eugland, the decline of the American demand continues to form a very serious subject of observation. About one-third of the railway and other iron which usually finds its way to America from our market is now being shipped, and it is probable that the remaining two thirds are being manufactured in America. The quality of the work turned out in America is said to be excellent. Hitherto labour has been so much cheaper in England than in America that with a moderate price for fuel ir has not been worth while to expend native capital or energy upon the erection of furnaces and factories, but the important change which has occurred of late in English prices has turned the balance against us, and thus the trade has been lost to the country. Every day the competition of other nations with England is becoming more severe, and the effect promises to become more seriously detrimental to our interests. The trade with Ruesian, which some years ago had assumed in the competition of the contracts are still being passed for the fulfilment of Russian orders, and as the home demand is good, and enquiries from the colonies are coming forward, it is expected that there will be a sufficiency of work on hard to keep up an average trade for some little time. Sellers of all varieties of iron are endescouring to establish an advance in price, and to some extent they are succeeding. The fact of orders having been either the makers as presenting a litting opportunity for recovering concessions which they have been compelled to make in order to secure these very orders, but it must be remembered that the best houses have not aftered their quotations, consequently no change in the price of the higher descriptions of iron has taken place of its litting dept. it must be remembered that the best houses have not altered their quotations, consequently no change in the price of the higher descriptions of iron has taken place or is likely to take place. The Scotch pig iron market has presented a most unsettled aspect, and has continued in a state of considerable excitement throughout the week, owing to the prominence of the speculative element, which results in a mount of business being transacted far in excess of the limited stock of iron in store. The closing price last week was 115s. On Monday the market wasquietat the closing price last week was 115s. On Monday the market wasquietat the closing price last week, but during the day there was a slight improvement. The market closed 115s. 6d. selers. On Tu-slay the market again assumed an unavari tendency, and business was done up to 119s. 8d. The market closed 16f mat 119s., but as the day advanced it grew eater, and closed at 15s. 6d. On Thursday there was greater steadiness, 115s. 6d. being the lowest quotation, and 116s. 6d. the highest. Closing price, 116s. 3d. buyers. To day the market opened firm at 11s. d.d., after which there was an advance to 115s., at which price it closed, rather sellers.

where.

There has been considerable irregularity in quotations for makers' iron, but the gendency has been to lower prices, and it is increasingly clear that the course of the market has been ruled rather by the necessities of speculation than the requirements of trade.

Section 1979.

Week ending Sept. 7, 1872 ... Week ending Sept. 6, 1873 ...

Decrease 5,170

Total decrease since Dec. 25, 1873

LEAD.—There has been no change in the value of this metal since st week, but the market remains very firm, and there is every pro-

bability of a maintenance of present prices and a further admass being established if Spanish affairs continue as at present.

SPELTER.—The market for Silesian has been less active. English the sent active of the specific properties of the specific properties. The market for foreign at the opening of the week was very quiet, and the price of Straits, 128l., was only nominal. Bayon out coming forward, sellers have shown a readiness to acceptions what lower offers, and small transactions have taken place at 121.

TIN-PLATES.—There is not much change to report.

TIN-PLATES.—There is not much change to report.

COPPER—(Messrs. James and Shakspeare).—We note in fur material about 1000 tons regulus and 350 ore at 17s. per unit, at which sense searce. Of bars about 3200 tons have changed hands since Frid. State, and values have advanced about 30s. per ton. In Lots we note 30s has \$4. to 85. to 85. cash, 400 at 86%, 10s. with three months' prompt; in Umuse good ordinary brands 1100 at 85%, to 85%, cash, 550 from 86. 550 from 86. 55, to 85%, cash, 10s. 310 for distant arrival, at 89%, per ton. Best marks are exceedingly scare, 326, 1 almost unobtainable; of these but 100 tons sold from 57%, to 88%, 10s. 310 terms. The Chill telegram arrived on the 9th inst. advising of charges to tons, all bars, for the first hid of August, whereof 1500 for England, 100 for responding figures for last year were, charters 1260 tons, stack 3760 tons, 1 cash, 100 for 1 cash, are, and it would have a way and it would be a support of the supp

week. In Straits, 130 tons have sold from 128s, down to 12 is, for delivery about the end of the month. Of Banca about, part spot, part Dutch warrants; but all at the same figur

Messrs. Vivian, Younger, and Bond—After our last issue the me Messrs. Vivian, Younger, and Bond—After our last issue: ket become still firmer, and up to Tnesday last, the 9th inst., a large but tensacted in Chili bars and Australian. Of the former about 2000 ton hands, chiefly Lota, at from 84′. 16s. to 86′. 10s., and special brands 85′. to for two to three months prompt 86′. 10s. to 86′. 10s. o. 9th latter about chiefly Wallarco, at from 93′. 15s. to 94′. 5s. cash, and 94′. to 95′. establish Burra at 92′. 10s. to 93′. 15s. cash, and 93′. to 94′. 10s. one to three months West Coast advices then coming to hand of charters for the first fortugal to 160° tons fine copper (but full particulars not having been received and the stable of the stab

H. Rogers, Sons, and Co.—Copper is again higher, having imprive to 11. 10s, per ton during the past week. A large business has been done advanced prices in Chili bars, but Wildaroo has not been so much in request market is now rather quieter; prices are, however, well maintained. The charters for the second fortnight in July are advised as 1400 tons.

TIN—EASTERN TELEGRAMS.—At Penang the quotations wenter, per picul, 3°25, equal to 127. 11s. 8d. cost and freight: freight, 48s. 4st porce the quotations were—Tin, 334%, equal to 130%, 3s. 41.—Hanchette

CHEMICALS AND MINERALS—(Messrs, R. R. Kelly and Co.), chester, Sept. 11).—Chemicals: Acid muriatic, 4. 10s. to 8.; subjunce, 2 to 62.; taxtrice, 1s. 744. to 1s. 754; alam, best lump in burrels, 4. 10s. ground, 10d. 2s. 64.; cake alum, 6d. 10s.; ammonia, carbonate, 754d. to 13d. ground, 10d. 2s. 64.; cake alum, 6d. 10s.; ammonia, carbonate, 754d. to 13d. 125 per cent.; brown, 23 per cent., 15c.; sal ammonia, carbonate, 754d. to 13d. 125 per cent.; brown, 23 per cent., 15c.; sal ammonia, 41s. to 45s.; assent, 2 powdered, 10d.; bensole, 30 per cent., 2s. 3d.; 90 per cent., 3s.; bleaching por 12d.; copper sulphate, 23d. 10s.; green and rusty copperss, 6bs. to 62s. 6d.; post, om saits, refined, 5d. 15s. to 6d. 5s.; potash saits: Bichromate, 85d.; potash saits: Acette, 3d.; blands 19d.; boate (brast) refined), 95s.; sodia ash, 48 to 52 per cent., 24d.; blands 13d.; boates (brast) refined), 95s.; sodia ash, 48 to 52 per cent., 24d.; white, 25d. 10s.; sait cake, 3d. 12s. 6d.; carbonate, 14s. 9d.; Sulphate (Gluber sait), 4d. 18d.; 16s.; blands (Gluber sait), 4d. 18d.; 16s.; saitpette, 9d.; 16s.; opper cent., 1s. 4d. to 1s. 4d.; 6d. to 8s.; polated of lime, ordinary, 40 per cent., 1s.; 4d. per unit; Estremadus, 1s. to 1s. to 1s. 6d.; Caraca Guno, 6d.; 2s. 6d.; C. 8s. 6d.; che unit; manganeer content. (Chrome cres., 6d. to 8d.; copper cres., 15s. to 15s. 6d.; the unit; manganeer oper per cent., 14s. to 1s. 4d.; per per cent., 14s. to 1s. 4d.; per per cent., 14s. to 1s. 4d.; per per per cent., 14s.; to 15s.; potash sanitar, 10s. to 15s.; pyrites, capreous, 85d.; non-capreous, 18d.; the antimony ore, 11d. to 12d. CHEMICALS AND MINERALS-(Messrs, R. R. Kelly and Co., Messrs, R. R. Kelly and R.

The settlement of the fortnightly account took place in the Mrzy The settlement of the fortingative account took place in the Min Share Marker this week, and occupied the chief attention of dealers; but a fuir average amount of business has also beautin acted for home file investment in dividend mines, as well at few sequent "account," in mines that are more than usually depressed

sequent "account," in mines that are more than usually decreased low in price. Those dealt in have included Carn Brea, Wheal Gerville, Wheal Crebor, South Condurrow, West Tankerville, Pengele, Cook's Kitchen, East Lovell, Roman Gravels, Old Treburgett, Merchanter, Rosewarne, to 1-25, and at fast Pool to 1-30, until such time as the improveded cumstances of the mines may justify him in returning to the oldnes. We sincerely trust these high examples may be followed by the last of mines generally, for something of the kin 1 is absolutely new-sary to encourage shareholders to go on in the present dull time. We hear, also, that some influential parties connected with the mining interest in London contemplate establishing a Co-operative Tin Smel-ing Company, which would enable the miners to participate in its profits of smelting.

interest in London contemplate establishing a co-operator varied ring Company, which would enable the miners to participate in the profits of smelting.

East Pool, 7 to 8; at the meeting the accounts, charging costup to June only, left a balance against the company of 510. The insold realised 3000L. A recurrence of accidents to the pumpinger gine has hindered operations in part of the tin ground, and to this the agents attributed the unfavourable nature of the account. If the future they consider the prospects much more encouraging. By 1½ to 2; Carn Brea, 90 to 100; Cook's Kitchen, 16½ to 17½. What Grenville, 5 to 5½; the lode has been cut into 2½ ft, in the 150 crescut, and is yielding some very good tinstuff; after driving a little further an assay will be made, to ascertain the value of the lode; the 140 cast, on same lode, is worth 30L per fathom; west, 20L Bess Great Consols, 1½ to 2 prem.; Dolcoath, 51 to 53; East Baset, 12u 14; East Caradon, 1½ to 1½; East Lovell, 14 to 15; East Van 3½ to 12 to 1½; the sale of ore for the month realisedom 1200L, and a good profit, so that before this year is out it is unless tood that a dividend will be paid on the 10 per cent preferent shares. Great Wheal Vor, 3½ to 3½; at the quarterly meeting full particulars of which will be found in another column) the accompany to the contraction and the tin credited to the 10th, when 20 tons 18 cms.

shares. Ortest when vor, \$\frac{3}{4}\$ to \$\frac{3}{4}\$; at the quarterly meeting particulars of which will be found in another column) the accomplete showed liabilities over assets \$37\frac{7}{4}\$. The costs were charged uptote meeting, and the tin credited to the loth, when \$20\$ tons 15 cm realised \$153\frac{1}{4}\$. So, \$\frac{3}{4}\$. North Treleigh Wood, \$\frac{1}{4}\$ to \$\frac{1}{4}\$; Pennsis, \$\frac{1}{4}\$ to \$\frac{1}{4}\$; Pennsis, \$\frac{1}{4}\$ to \$\frac{1}{4}\$; Pennsis, \$\frac{1}{4}\$ to \$\frac{1}{4}\$; and \$\frac{1}{4}\$; \$\frac{1}{4}

be sile of tin for the month is nearly 4 tons, realising 279%. 3s. 6d. be sile of tin for the month is nearly 4 tons, realising 279%. 3s. 6d. be sile of tin for the month is nearly 4 tons, realising 279%. 3s. 6d. be sile of the forthight (75 tons) realised 15%. 5s. 6d. per ton. sile of lead for the forthight (75 tons) realised 15%. 5s. 6d. per ton. sile of lead for the forthight (75 tons) realised 15%. 5s. 6d. per ton. sile of lead for the forthight (75 tons) realised 15%. 5s. 6d. per ton. sile of lead for the forthight (75 tons) realised 15%. 5s. 6d. per ton. sile of lead for the forthight (75 tons) realised 15%. 5s. 6d. per ton. sile of lead for the forthight (75 tons) realised 15%. 5s. 6d. per ton. sile of lead tonsols, 4½ to 5½; the lode in the 60 east is valued altogether fallows. No. 3 winze, from the 45, which is 7½ fathoms at 80 per fathom. No. 3 winze, from the 45, which is 7½ fathoms at 80 per fathom. The instrance of the 60 fm. level end, is worth 100% per fathom. The instrance of the 60 fm. level end, is worth 100% per fathom. The instrance of the 60 fm. level end, is worth 100% per fathom. The instrance of the 60 fm. level end, is worth 100% per fathom. The instrance of the 60 fm. level end, is worth 100% per fathom. The instrance of the 60 fm. level end, is worth 100% per fathom. The sile of the fathom 100% per fathom 100%

The Market for Mine Shares on the Stock Exchange during the The Market for Mine Shares on the Stock Exchange during the week has been chiefly engaged in the arrangement of the fortnightly reach which was begun on Wednesday and completed yester-stlement, which was begun on Wednesday and completed yester-stlement, which is account? Was not large, although, perhaps, day. As a whole, the "account of the holiday season. The "making only ejowed that in the case of Flagstaff and Last Chance there is only ejowed that in the case of Flagstaff and Last Chance there is till a large bear" account open, while in Eberhardt, Emma, and till a large of the season of the season of the season of the season of the week is the demand for Richmond shares, which show an of the week is the demand for Richmond shares, which show an important advance. In Home Mines there has been no feature

the week is the demand for Richmond shares, which show an portant advance. In Home Mines there has been no feature party of special notice.

The Metal Market continues to maintain the improvement noticed a reck, and some metals have advanced in value. Copper closes a reck, and some comparatively dull, foreign difficult of sale, and the sale of the sale Remond Consolidated shares have been in considerable demand, of closs \$\frac{1}{5}\$ to \$T\_6^3\$. The week's run amounts to \$48,000, and the third seriumace has commenced running, which enables the company sare the heavy expenses of hiring. By the official circular just said it appears that the whole of the legal expenses and purchaseness of the Look Out location have been paid, and that 20,000/Look be sent to this country by Oct. 1 for the purpose of paying biddeds. According to the weekly cables this sum is irrespective thout an equal amount in value of bullion on its way to be refined at radised. The Lizette tunnel, which is now completed, not all lessens the cost of raising and hauling the ore, but enables a galarger quantity to be extracted. The adjacent mining claim, may as the "Silver Region"—into which the Richmond lode has treed beyond the Look Out boundary—has been obtained; the ginn as the "Silter Region"—into which the Richmond lode has a taced beyond the Look Out boundary—has been obtained; the gray is now, therefore, in undisputed possession of the Look tlocation, the "Silver Region" location, and the Tip Top Mines, paid for, in addition to the origina! Richmond property, and rypossible step has been taken to secure the whole of the comply's properties from any future attacks or claims. The directors aly believe from the reports they have received from Mr. Clacking, and also from their representative at the mine, that the many are in possession of the most valuable mining property on Pacific Coast, and that, not withstanding the heavy expense, losses, claims to which they have been subjected, the extent and value granteconst, and that, how the standing the neary expense, loses, delay to which they have been subjected, the extent and value the company's property have been enormously increased. There at the present time four times the quantity of ore in sight than noriginally stated, and more than four times the net returns; gamany sees results have been obtained with an increase in the capital 50,000/. Eberhardt and Aurora, 4 to 41; the profit during twas \$7269, the expenditure of \$13,400 on the new mill being

rung constructions are supported by the last month's run of the unford Mill on Eberhardt ore has been highly satisfactory, flagstaff shares have been moderately steady, and close  $4\frac{1}{2}$  to  $4\frac{3}{2}$ ; week's run was 6300h; it is difficult to understand to what purposes. Flagstaff shares have been moderately steady, and close 4½ to 4½; it week's run was 6300£; it is difficult to understand to what pures the money is appropriated, seeing that for some months past is product has ranged from 4000£ to 8000£, per week. The last ear balance-sheet showed a profit of more than 60 per cent. on be rake of the gross output; taking it at 50 per cent, the company hold be out of debt and in considerable funds. It is understood at when Captain Forbes, R.N., arrived at the mines there was a lating debt of 50,000£; even this should have been long since obtained, and the company in receipt of considerable sums of money, here have been for some time past conflicting rumours with regard the stability of the mine, but one fact is beyond cavil—that no line can be so impoverished as some would have us believe that as keep up steadily such large returns as have been yielded during telast few months. Naturally, shareholders become irate when bey see their shares depreciated in market value; but from all the driess obtainable from sources which should be well informed, the interest of shareholders, have made great per-onal sacries in order to protect the shareholders. Now that the directors we changed the mode of paying the dividends it is to be hoped, at the interest of shareholders, that dividends will not be resumed till respectable balance can be carried forward to a reserve diviant must be shareholders. The sum was 2100£; the times are running satisfactorily. It is found that by mixing by cent, of Last Chance with the Flagstaff ore they flux and book well together. Private advices state that water has been take in the shaft, and that the works may be retarded until the rk well together. Private advices state that water has been tak in the shaft, and that the works may be retarded until the respart of the mine has been drained; still there is ore enough

ed to capital account. The reduced assay value is owing to cher ore being "damped" ready for the treatment by the com-smill, which will start on Oct. 15, that treated during August g been the first extracted from the Peerless Chamber. South

we part of the mine has been drained; still there is ore enough the the water-level to meet all requirements for some time to me. Tecoma, 2½ to 2½; there is yet a dearth of news from the le. It is clear that the company, as well as others most interested the property, are quite as much in the dark as the outside share-level in them, information must be communicated to those who reprovided the capital to develope the mines. The shares commute to be largely dealt in.

Emma shares have not fluctuated much during the week, the thest price having been 3½ to 3½, and close 3½ to 3½. Private ties affirm that the minal continues to steadily improve; the line is reported to be 20 ft. wide from wall to wall, containing four fluct streaks of ore aggregating nearly 6 ft., yielding 90, 900, and 10 ozs. of silver per ton. A private correspondent states that "a in who has just been all over the mine tells me it is rapidly and siderably improving."

Copper, 254 to 264; a dividend of 20s, per share has been sold

slard. Rio Tinto, 2 to 24; 30 tons of precipitate have been sold 15a.6d. per unit. The superintendent at the mines advises the warding of 180 tons precipitate, averaging 80 per cent. 6 teat Vor. 34 to 4. The report of the quarterly meeting will be maintain the company to the day of the meeting, and it will be 30 reference to the company to the day of the meeting, and it will be reference to the committee's report that the pay, which was not il the day after the meeting, was provided for, whilst no credit sen for about 3 tons of tin actually raised, if not sold. If this nd principle was followed a little more closely by those who have management of mines in Cornwell, we feel sure there would be confidence placed in mining by distant-shareholders. The agents, teir report, refer to the groun i west of Elwards's as opening out a squal to their expectations. The lode in the 164 and 174 ends out about 10% to 15%, per fathom, and improving as they drive the cross-course; and, looking at the large extent of undevedground in this direction, the prospects for a good mines are very but a cross-course; and, looking at the large extent of undever-ed ground in this direction, the prospects for a good mine are very purable indee t. East Lovell, 14½ to 15½. In. 37 to 39; no change to report. East Van, 3½ to 4; Van Con-té; to 5½; the lode in the winze under the 45 is worth 110%, per form, and in the 80 and 200.

m, and in the 60 end 80%. The property is daily increasing in value. Assheton, 3½ to 4; the lode maintains its value. Tankerville, 11½ to 12; West Tankerville, 3¾ to 3½. Pennerley, 2 to 2½; the rise in back of the 130, east of shaft, is worth 3 tons of lead ore per fathom, and the winze below 2 tons per fathom. The 120 east is worth 1 ton, and likely to improve. The 70 east, on Warm Water lode, has improved. The lode in the 60 east is producing a little lead, and the winze below is improving, at presant worth 1 ton per fathom. At Potter's Pit the sinking to the 55 will be completed in a few days. The lode in the rise in back of the 45, and the winze below the 25, as well as the lode in the 25, are each worth 1 ton of lead ore per fathom. The stopes throughout the mine are vielding a below the 25, as well as the lode in the 25, are each worth 1 ton of lead ore per fathom. The stopes throughout the mine are yielding a good quantity of lead. Bog, 1\(\frac{1}{2}\) to 2; the water is now 11 fathoms below the 14\(\frac{8}{2}\). The pitches at this level are turning out well, and the tributers earning good wages. The water will be in fork to the next level in about another week, when it is believed a good course of ore will be met with. Perkins Beach, \(\frac{3}{2}\) to \(\frac{1}{2}\); the south-west breast has a good hanging wall, with a small leader of ore. They will have about 10 tons of lead for sale this month. West Esgair Lle, 3\(\frac{1}{2}\) to \(\frac{1}{2}\); with the exception of a little delay in the surface works, caused by the recent heavy falls of rain, everything here is progressing in a very satisfactory manner; and, judging from the reports, there is no doubt the mine will prove a great success.

reports, there is no doubt the mine will prove a great success.

Subjoined are the closing quotations:—

Assheton, 3½ to 3½; Bog, 1½ to 2; Carn Brea, 97½ to 102½; Cook's Kitchen, 16 to 17; Devon Great Consols, 1½ to 2; Octoath, 51 to 52; East Caradon, 1½ to 1½; East Wheal Lovell, 14½ to 15½; East Van, 3½ to 1½; East Wheal Lovell, 14½ to 15½; East Van, 3½ to 1½; Fennerley, 2 to 2½; Roman Gravels, 19 to 20; South Carn Brea, 33½ to 3½; South Frances, 7 to 8; Tankerville, 11½ to 12; Tincroft, 45 to 48; Van, 38 to 40; Van Consols, 4½ to 5½; West Chiverton, 6 to 64; West Esgair Lle, 3½ to 4; Wheal Crebor, 3½ to 3½; West Tankerville, 3½ to 3½; West Tolgus, 35 to 37; West Seton, 40 to 46; Wheal Seston, 35 to 40; Almada, ½ to 1; Birdseve Creek, 2½ to 2½; Carr Creek, 1½ to 2; Cape Copper, 25½ to 26½; Chontales, 3½ to 3½; Don Pedro, ½ to 1½ dis.; Eberchardt and Aurora, 4 to 4½; Emma, 33½ to 3½; Don Pedro, ½ to 4½; Last Chance, 2½ to 3½; Colorado Terrible, 3½ to 3½; Don Pedro, ½ to 4½; Last Chance, 2½ to 3½; Subject Jeiths to 1-16th; New Quebrada, 3½ to 3½; Port Phillip, 13-16ths to 15 16ths; Richmond Consolidated, 6½ to 7½; Riea, ½ to 5½; Sierra Buttes, 3½ to 3½; to 5½; Tecoma, 2½ to 2½; Utah, 1½ to 2; United Mexican, 2½ to 2½.

The First Mortgage Bonds of the New York, Boston, and Montreal The First Mortgage Bonds of the New York, Boston, and Montreal Railway Companyare ½ (dis. to ½ prem. Athuricand Great Western Railroad Leased Lines Rental Trust Bonds are 90½ to 90½, ex coupon: and the new issue, 85½ to 85, ex coupon. Atlantic and Great Western Third Mortgage, 33½ to 34½; preference stock, 12½ to 13½; and the common stock, 11½ to 12½. United States Rolling Stock is 22½ to 22½. Eric Consolidated Seven per Cent. Bonds are 95½ to 96. The Convertible Bonds of the Eric Railway Company are 78½ to 79½, ex coupon. Bischoffsheim's Certificates for Eric Shares are 47½ to 48, ex div. Notice has been given that the subscription list of the Whitwick Colliery Company (Leicester) closes on Tuesday next.

Mr. W. C. QUILTER is inviting subscriptions for 1000 Eight per Cent. First Mortgage Gold Boxps of \$500 each (payable to bearer, but which can be registered in the company's books at the option of the holders) of the Arransas Central Railway Com-PANY, being the balance of a total issue of \$1,200,000. The issue price is 90% per \$500 bond, which, taking into consideration the discount on pre-payment in full, and the interest accrued since July 1, price is 90%, per \$500 bond, which, taking into consideration the discount on pre-payment in full, and the interest accrued since July 1, will yield upwards of 9 per cent, per annum to the investor. The line is 106 miles long, extending from Helena City, a place of great commercial importance, to Little Rock, the capital of the State, and has two branches—one to Pine Bluff, 30 miles; and another to Clarendon, 11 miles. The entire length of the line, fielding sidings, is 150 miles, 61 of which are in successful operation, and the remainder is graded, bridged, tied, and ready for the iron rails, which are being laid. The line affords the only means of communication between the three largest cities of the State, and secures to the whole interior an outlet for its producers to the Mississippi river at all seasons of the year. It is, moreover, connected with the Little Rock and Fort Smith, the New Orleans, the Cairo and Fullon, and the Helena and Corintu Railways, of which the first is wholly, and the three latter partially, open for traffic. The position of the Arkanasa Central Line, already completed, is well constructed, and in good condition, and its rolling stock is sufficient for its operations, and of an excellent character. The station-houses and structures of a kindred character are well built and ornamental in their appearance, and the system of management and operation of the road would seem to indicate that all proper means are taken to foster the interest of the communities along the line, and thereby increase the earnings. The company acquital is \$2,50,000. of which three-fifths have been subscribed for and fully paid up. The mortgage deed of trust provides that the money received from sales of surplus land shall be paid to the Union Trust Company, and form a sinking fund for the redemntion of the bonds augmented, if necessary, by annual payments (commencing Jan. 1, 1878) out of the carnings of the line. All amounts received by the Union Trust Company, or in bonds of the Union Trust Company, are to be

The LONDON TELEGRAPHIC NEWS COMPANY, with a capital of 120,000%, in shares of 5% each, has been formed for amalgamating The LONDON TELEGRAPHIC News COMPANY, with a capital of 120,000L, in shares of 5', each, has been formed for amalgamating the interests and extending the operations of the Anglo-Continental Telegram Company, the Oriental Telegram Agency, and the Antilles Telegram Agency; and also for arranging a combination with the American Press Association and its alliances. The inconvenience which has arisen from the circumstance of the agents connected with the telegraph agencies bein; unequainted with newspaper work has been very generally felt, the result being that newspapers paying an ample amount for summaries which would be of the atmost value to the readers have been supplied with almost unintelligible nonsense, from which all the important points were omitted. The London Telegraphic News Company will, therefore, supply a real want, so that it will not be possible hereafter to say that no efficient telegraphic news organisation exists, nor any system for the interchange of news throughout the world, such as prevails in America for that continent. The company will combine a complete service throughout the continent of Europe, the North and South American continents, Canada, the West Indies, India, China, Japan, Australia, and New Zealand. There is no city or town of importance throughout the globe in which the company will not exercise its influence. The directors are satisfied that they possess a staff of officers who know the wants of the press, and who will not fail to give every satisfaction. No doubt is entertained that with good management the enterprise will prove a sound commercial success, and that there will be no shorteoning in this direction may be anticipated from the fact that they have a thoroughly competent secretary in Mr. Dodwell, and have also the co-operation on the board of Mr. C. Mitchell Grant, who was the projector and proprietor of the telegram service across Mongolia, by which for several years the transmission of telegrams between London and China was effected so successfully in 10 insisted

The PANT-Y-MWYN LEAD MINING COMPANY (Limited), with a capital of 60,000L, divided into 30,000 shares (to which reference was made in last week's Journal), possesses, by its recent important accessions, one of the most extensive and valuable mineral properties in Flintshire. The Mold Mines Company formerly worked the property, but abandoned it in consequence of a succession of wet seasons and inefficient machinery, which rendered drainage difficult. There are several fine, well-known, and valuable courses of ore passing through its entire length. The setts are held at the low royalty of 1-16th, for the usual term of 21 years, and the leases have been transferred to the company, together with the surface appliances, for 5000 fully prid-up shares, and 600L in cash. In addition to the testimony borne as to the value of the mines by the several well-known practical authorities (whose reports are appended to the prospectus, which appears in another column), Mr. John Taylor, of Queen street-place, speaks most favourably of the over producing capabilities of the property, which is further strengthened by the evidence of Capt. W. Roberts and others. Capt. Harris, of the Bog and Pennerley Mines, who has known the property and district for upwards of 20 years, states that with a capital, machinery, and good management the mine will prove a property of no ordinary character, and confidently recommends it to the investing public. By the ground just acquired the seth has been increased by one miles long on the course of the lode, making, with the old Pant-y-Mwyn, about two miles long on the course of the three east and west lodes, and the two north and south lodes. capital of 60,000%, divided into 30,000 shares (to which reference was

The directors of the SOMERSET AND DORSET RAILWAY COMPANY are inviting subscriptions for 30,000/, being the unplaced balance of 120,000/. Perpetual Five Per Cent. Extension Debenture Stock. Special advantages are secured to the extension capital by the terms of the Act of Parliament, under which the existing line is charged, not only with the payment of its own working expenses, but also with the working expenses of the extension line, and (together with the extension line) with an annual charge of 17,000/. The gross regetter with the extension line) with an annual charge of 17,000. The gross receipts of the extension line are therefore available (subject to the above) for payment, in priority to all other interest or dividend, of the interest at 5 per cent. on the extension debenture stock now offered for subscription, which amounts to 6000, per annum only, or less than 35, per mile per week, while the estimated traffic amounts to 30, per mile per week. The prospectus will be found in another column.

CO-OPERATIVE TIN SMELTING COMPANY .- All persons desirous of furthering or co-operating in the formation of a company which will enable the mines to get the full benefit of their produce, may put themselves in communication with an influential syndicate (which is established for promoting a company which will at once be a benefit to the shareholders in all tin-producing mines, as well as the working miner), by addressing "Stannum," 31, Treadneedle-street, City.

# ZINC AND LEAD ORES.

I BUY at the HIGHEST PRICES: LEAD ORES.—LEAD-SILVER ORES.—SILVER LEAD ORES. ZINC AND LEAD ORES MIXED TOGETHER. SILVER-LEAD, BULLION, HARD LEAD, &c. SULPHATE OF LEAD, ASHES, SLAGS, &c.

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ARMAND FALLIZE, Ingénieur, à Liège (Belgium)

Mr. JOHN HENRY POOLE,

MINERAL AGENT BILBAO (SPAIN).

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THE TYRONE COAL MINING COMPANY (LIMITED) require
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COLLIERY, situate about two miles from DUNGANNON, Co. TYRONE.
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Address, "Mineral Engineer. F. G. S.," MINING JOURNAL Office, 26, Fleet-street, London.

A GERMAN, aged 30, who corresponds in German, Italian, and French, writes correctly the English, and knows by grammar the Spanish inguage, WANTS an OCCU PATION in an OFFICE.

Address, "M.," care of M. Krieger, Esq., German Consul, Cardiff.

A VACANCY OCCURS for an ENERGETIC and WELL-PANIES, MERCHANTS, &c., in LONDON, and to CORRESPOND with FIRMS ABROAD. Should have a knowledge of mining or mechanics and some literary capacity. Salary £80,2 and a fixed commission, offering a good prospect to an active and gentlemanty young man (age 20 to 28).

Address, by letter only, stating qualifications, "D. R. T.," 85, Gracechurch-street, E.C.

WANTED, a SITUATION by a MINE AGENT, who has had eleven years' experience abroad. Speaks French and German, and is thoroughly acquainted with Tin, Lead, and Copper Dressing, and general Mine Machinery. Has good testimonials and references.

Address, "140, Z. Y.," Post Office, Plymouth.

WANTED, a FIRST-CLASS MINING ENGINEER, to TAKE CHARGE of PYRITES MINES in SOUTH of SPAIN. Must speak Spanish, and be able to make and keep Plans of the Mines, and Assay the Orea. Applications to be addressed to Messrs. Sharp and Co., 10, Exchange-square, Glagow.

BEREHAVEN MINES.

WANTED, a COMPETENT WORKING ENGINEER, with a knowledge of Drawing.
Applications, with testimonials, to be addressed to Capt. J. W. Crase, Berchaven Mines, Baniry, County Cork.

WANTED, for a large Ironworks in the North of England, a COMPETENT DRAUGHTSMAN, accustomed to Surveying, taking out quantities, and the General Drawing required for Blast Furnace, Mechanical and Cottage Work. Applicant to state age and salary required, and enclose

references.
Address, "A. B.," MINING JOURNAL Office, 26, Fleet-street, London.

WANTED TO HIRE, THREE HUNDRED YARDS of RAILS and SLEEPERS, with NINE side-tipping WAGONS, to contain about to nor upwards. Also, a small WINDING ENGINE.

Apply to the Engineer, Mr. WINDER, Pentewan, St. Austell, Cornwall.

WANTED TO PURCHASE, about FOUR HUNDRED YARDS of 2 or 5 in. CAST-IRON PIPES, new or secondhand, for cash. State price per yard or ton delivered at Wem. —Address, S. Thornilley, Wem, Salop.

HORSE-POWER.

WANTED TO RENT, immediately, on the BANKS of the THAMES, TWENTY HORSE POWER, with BUILDING and STORE-BOUSE, for GRINDING MINERAL.
State terms, &c., by letter, to "S. B.," care of Messrs. Deacon, Leadenhall-state to "S. B.," care of Messrs. street, E.C.

WANTED TO PURCHASE, 500 BIRDSEYE CREEK GOLD MINING SHARES, at £2¼; and 500 CEDAR CREEK at £2.
Address to "G. H.," 47, Threadneedle street, E.C.

OLD TREBURGETT MINE, NEAR CAMELFORD.

WANTED, a 10 to 15-ton BOILER, with furniture, complete, SECONDHAND. State particulars and lowest price, delivered on the mine, to F. R. Wilson, 20, St. Helen's place, Loudon, E.C.

CARDIGANSHIRE.

THE ADVERTISER has a VALUABLE MINING SETT TO DISPOSE OF. The property has been inspected by several mining encineers, copies of whose reports, with particulars, &c., can be had on application of Cardi.," MINING JOHNAL Office, 26. Fleet street, London.

SHARES FOR SALE in the ISLAY LEAD COMPANY C (LIMITED), at £3 10s. each.

Apply to "T. J. B.," 3, Rheidol-terrace, St. Peter's-street, Islington, N

FOR SALE, a FEW SHARES in the BAMPFYLDE COPPER MINING COMPANY (LIMITED), fully paid up, at £3 per share.
Apply to "W. M.," Wm. Potter, Stationer, Enchange-street East, Liverpool.

RON ORE AND MANGANESE MINES FOR SALE, situate in NORTH DEVON, with excellent shipping facilities. The ores are of a igh class. Apply to William Slates and Co., 61, Bishopsgate Without, London.

COLLIERY FOR SALE, situate in SOUTH WALES, capable of ✓ an output of 1000 tons a day, close to railway station and shipping. 
Apply to WILLIAM SLATER and Co., 6A, Bishopsgate Without, London.

Notice is hereby given, that the directors have THIS DAY DECLARED a DIVIDEND of FIVE SHILLINGS PER SHARE, payable on and after Sept. 25, And Notice is hereby further given, that the Transfer Books will be closed from the 15th to the 25th instant, both days inclusive.

By Order,

W. J. LAVINGTON, Secretary.

THE CAPE COPPER MINING COMPANY

Notice is hereby given, that at a MEETING of the directors of this company, held to-day, it was recolved—
"That a DIVIDEND of TWENTY SHILLINGS PER SHARE, free of income tax, be now DECLARED, payable on the 20th day of September instant: and that the Transfer Books be closed from the 22nd to the 20th September, both days in clusive."

8. When the decomposition of the Bord, J. C. LEAVER, Secretary.

6. Queen-street place, Upper Thames street, London, E.C., Sept. 10, 1873.

THE WHITWICK COLLIERY COMPANY
(LIMITED).

Notice is hereby given, that the SUBSCRIPTION LIST for SHARES in the above company WILL CLOSE on TUESDAY, the leth instant, for TOWN and COUNTRY APPLICATIONS. above company WILL CLOSE on TUESDAY, the I COUNTRY APPLICATIONS. Temporary Offices: 13, Southgate-street, Leicester.

ESSRS. PARKYN & CO., PRACTICAL AND CONSULTING MINING ENGINEERS, ST. AUSTELL, CORNWALL, having had thirty years' practical experience in mining in all its operations, should be consulted. PARKYN and Co.'s advice will be found most valuable to those who have aiready invested as to its worth, and to those who intend to invest, and how large sums can really be made by practical and sound advice. Mines inspected, and their true position given. Can recommend three mines that will rise in price considerably in a few months; write for particulars.

Bankers: South Cornwall Bank, St. Austell.

# THE

# ARKANSAS CENTRAL RAILWAY COMPANY.

Issue of 1000 eight per cent. First Mortgage Gold Bonds of \$500 each,

Payable to bearer, but which can be registered in the company's books at the option of the holders.

(Being the balance of a total issue of \$1,200,000.)

Principal and Interest, free of United States Taxes, payable in Gold at the Office of the

UNION TRUST COMPANY IN NEW YORK.

Principal repayable on July 1st, 1891, at par, in Gold.

ISSUE PRICE, £90 PER BOND OF \$500,

Bearing interest at eight per cent. per annum, from 1st July, 1873.

MR. W. C. QUILTER is authorised by the Arkansas Central Railway Company to receive applications for the above-mentioned 1000 Bonds of \$500 each, the price of subscription being \$50 per bond, payable at Messrs. Jay Cooke, McCulloch, and Co.; or Messrs. Smith, Payne, and Smiths, Lombard-street, as follows:

	per Bond		
20	**	**********	
25 25 15	22	***************************************	
25			14th November, 1873.
15	**		15th December, 1873.
_			
£90			

The instalments, after allotment, may be paid in full on any day fixed for the payment of an instalment, under discount of 6 per cent. per annum.

Scrip certificates to bearer will be issued against allotment letters

with bankers' receipts, and, after payment in full, definitive bonds will be issued in lieu of scrip.

The bonds are a first charge upon the entire line and all the company's property (which includes 130,000 acres of surplus land), at the rate only of \$8000 per mile of road.

The line of the Arkansas Central Railway extends from the City of Helena, a lace of great commercial importance, to Little Rock, the capital of the State, a stance of about 168 miles, with a branch to Pine Bluff, 30 miles, and another with a Chandra Line in the Chan

Montho	I reoruary,	1919		5,934.63
	March,	**	***************************************	9,414.23
, .	April,	**		10,391.68
200	May,	**	******************************	11,072-19
2.7	June,	8.0		11,861-73
0.0	July,	**		12,904:50
chowing	that the av	B200 (200	not seminor for the rest six month	s on the new

Thus showing that the average net earnings for the past six months on the portiopened for traffic have been over \$10,000 per month, derived solely from local bu nees. Upon the opening of the entire line, the net earnings at the same rate woo exceed \$300,000 per annum, while the interest upon the bonded debt for the sar period would be \$96,000. But it is fair to conclude that the earnings would greatly augmented by the through traffic, and the income largely exceeds the stimate.

From this it will be seen that the present net earnings of the line are sufficient.

estimate.

From this it will be seen that the present net earnings of the line are sufficient to cover the interest on the whole \$1,200,000 bonds.

Mr. C. R. Alton, a civil engineer of high standing in New York, who recently examined the line on behalf of the European investors, reports as follows, with regard to the traffic of the line:—

"A moderate estimate of the earnings of the road after the completion of the main line to Little Rock, with the branch to Pine Bluff, would be, in my estimation, as follows:—

Freights of all classes	1,000,000	\$1,200,000
Less, operating expenses, 55 per cent. Interest on \$1,200,000 bonds at 8 per cent.	\$ 660,000	
Leaving net balance, after paying all expenses and		\$756,000
interest on the mortgage debt		8444,000

interest on the mortgage debt. \$444,000

The road commences at Helena, a town of great commercial importance, favourably situated on the banks of the Mississippi river, at the termination of a runge of fillis affording the only secure terminal point for a railroad above overflow within the limits of the State of Arkansas, and runs west-wardly from this point through a fine agricultural region to Little Rock, the capital of the State (there connecting with a system of roads diverging in various directions), with a branch leading to Pine Bluff, an important shirping point on the Arkansas river. The country through wi lot the road passes is already to a large extent under cultivation, and capable, from its fertile soil and genial climate, of producing all the various crops of the temperate zone—cotton, corn, wheat, oats, tobacco, and fruits in the greatest variety.

capable, from its fertile soil and genial cumate, or producing from the greatest of the temperate zone—cotton, corn, wheat, oats, tobacco, and fruits in the greatest variety.

The characteristics of soil and climate will inevitably, from the large amount of agricultural products developed on the line, make this road remunerative as an investment. No better recion exists within the borders of the United States for successful farming operations than the central portions of Arkansas.

The portion of the road shready completed is well constructed and in good condition, and the rolling stock is sufficient for its operations, and of an excellent character. The station houses an istructures of a kindred character are well built and ornamental in their appearance, and the system of management and operation of the road would seem to indicate that all proper means are taken to foster the interest of the communities along the line, and thereby increase the earnings. The capital of the company is \$2,500,000, of which \$1,500,000 has been subscribed for, and is fully paid up.

Under the company's charter its property of every description is exempted from taxation until a dividend of 10 per cent. is paid on the capital stock, which stock is limited to the above amount.

By the terms of the deed of mortgage, the money received from the present issue is to be expended exclusively in the information and equipment of the line. The mortgage deed of trust provides that the money received from sales of surplus land shall be paid to the Union Trust Company, and form a sinking fund for the redemption of the bonds augmented, if necessary, by annual payments (commencing ist January, 1878) out of the earnings of the line. All amounts received by the Union Trust Company, are to be invested by them in outstanding bonds of this company, or in bonds of the United States, and the same are to be held by them till the maturity of this issue.

The company owns 120,000 acres of surplus land, situated along the line, which is estimated to be worth

The company own \$130,000 acres of surplus land, situated along the line, which is estimated to be worth \$10 per acre, and is constantly increasing in value. The average price realised by the company for lands sold up to June 1, 1873, was \$9:12 per acre. At this rate the lands alone will liquidate the bonded debt of the

pany, t the price of issue, taking into consideration the discount on pre-payment is and the interest accrued from lat July last, these bonds yield upwards of 9 pe

full, and the interest accrued from ist July last, these bonds yield thought cent. per annum.

Where no allotment is made the deposit will be returned without deduction. Should a less number of bonds be allotted than are applied for, the amount paid on application will, so far as required, be applied towards the payment due no allotment. In default of payment of the amount due on allotment, or of any instalment, all payments made will be liable to forfeiture.

Official copies of the Company's Charters and of the Mortgage Deed to the Union Trust Company of New York, by which that company is appointed trustee for the

bondholders, and other documents referring to the company, can be seen at the office of the solicitors, Messrs. Dawgs and Sons, 9, Angel court, Throgmorton-atreet, London.

London.

Forms of application may be obtained at the banking-houses of Messrs. Jay
COOKE, MCCULLOCH, and Co., and Messrs. SMITH, PAYSE, and SMITHS, Lombardstreet, and at the office of Mr. W. C. QUILTEE, 18a, Tokenhouse-yard, London.

The SUBSCRIPTION LIST will be CLOSED on or before THURS-DAY, the 18th instant, at 4 o'clock p.m. London, September 9, 1873.

# FORM OF APPLICATION

(To be retained by the binkers.)

To W. C. Quilter, Esq., 16a, Tokenhouse-yard, London

Siz,—Having paid to Messrs, Jay Coole, McCulloch, and Co., or Messrs, Smith,
Payne, and Smiths, the sum of pounds, being a deposit at the rate of £5 per
bond on bonds of £50 each, of The Arkanas Central Pailway Company, I
request you will allot me that number of hends, and I hereby agree to accept the
same, or any smaller number you may allot to me, and to pay the belance due
thereon, according to the terms of the prespectus, dated 9th September, 1873.

Name (in full).

Address.

Description

Date

Signature

# THE COAL MINES REGULATION ACT, 1872.

EXAMINATIONS FOR MANAGERS' CERTIFICATES

NOTICE IS HEREBY GIVEN, that the undermentioned persons have been appointed to act as SECRETARIES to the several Boards of Examination, for the purpose of the grant of Managers' Certificates of Competency under the above Act.

In the Examinations regard is had to such knowledge as is necessary for the practical working of mines in the different districts of the United Kingdom.

Applicants desirous of being examined should, therefore, apply for all necessary information to the Secretary of that District in which they desire to serve as managers.

nanagers. Home Office, 27th August, 1873. Mining District and Name of the Government Inspector. Name and Address of the Secretary to the Board of Examination.

Scotland-Western Division.
(W. ALEXANDER, Esq.) C. Macpherson, Esq., 116, St. Vincent-street, Glasgow. South Staffordshire and Worcestershire. W. BLAKEMORE, Esq.,
(JAMES P. BAKER, Esq.)

Heath Town, Wolverhampton. (JANES P. BAKER, Esq.)
outh, Gloucester, Somerset, and J. T. THOMAS, Esq.
(Care of J. B. Baker, Esq.),
Albion-chambers, Bristol. Devou.
(LIONEL BROUGH, Esq.) M. W. PEACE, Esq., 19, King-street, Wigan. North and East Lancashire. (JOSEPH DICKINSON, Esq.)

WM. SAUNDERS, Esq., 42, Full-street, Derby. Derby, Notts, Warwick, and Leicester. (THOMAS EVANS, Esq.) West Lancashire—the Wigan and Helen's Districts, and North Wales (THOMAS BELL, Esq.) M. W. PEACE, Esq., 19, King-street, Wigan. DAVID WINGATE, Esq., Craigneuk (by Motherwell), N.B. Scotland - Eastern Division. (RALPH MOORE, Esq.)

Northumberland, Cumberland, and Dur. T. D. FORREST, Esq., ham, north of the Wear. (Geo. Wm. Sourneast, Esq.) 17, Rock street, Shieldfield, Newcastle-on-Tyne. C. H. JAMES, Esq., 8, Courtland terrace Merthyr Tydfil. South Wales. (THOMAS E. WALES, Esq.) 8, Courtland terrace JOHN R. JEFFERY, Esq., Solicitor, Bradford. West Riding of Yorkshire. (FRANK N. WARDELL, Esq.)

Outh Durham.

(JAMES WILLIS, Esq.)

Orth Staffordshire, Shropshire, and Cheshire.

(Thomas Wynne, Esq.)

(Thomas Wynne, Esq.)

(Thomas Wynne, Esq.)

are pretty well known, are the invention of the well-known of Guibal, and the fan more recently brought out by Messrs. Eating and Tattersall, of the Alexandra Foundry, Leeds. One of the ration a week or two since, and it certainly did its work works, fully well, and gave every satisfaction to the manager. When the place is opened out the introduction of the fan will prevent a reme of the accident which has been such a serious loss to the princtors. At Denaby Main, Morley, and other places also, the sustain is about to be put down as the most effectual mode of validation. The Guibal Fan has been before the public for some two ethere years, and is now making marked progress, especially in what may be termed the Midland coal field. Some time since the erected in Yorkshire was put down at Manvers Main Colliery, may Sheffield, and has been working ever since. Recently another has been erected at Strafford Main Colliery, near Barnsley, and the nager speaks in the highest terms of its efficiency. In Derbyths another is now being put down at the Swanwick Colliery, near bafferton, the work being executed by Messrs. Thornvell and Wharam, of Burton-on-Trent; it is to be 30 ft. in diameter, with duplicate engines, 20-in. cylinders, and 2-ft. stroke. It is intended to ventilate three different seams of coal now being worked. Into same locality we understand that one is also about to be put down at the Blackwell Colliery, belonging to Bainbridge and Co.

Looking, therefore, at what is now being done, it is evident the there is every probability of many of our mines, the fiery one in particular, being far more efficiently ventilated than they have paviously been, and that those terrible catastrophes of which lans, whire, Yorkshire, Staffordshire, South Wales, and other mining districts, have so often been the scene will be all but unknown. The manage will always be in a position to obtain a much higher grade a colliery than such as are ignorant of them. We, therefore, belian that the introduction of the fan in many of our ala

than has yet been the case.

# Notices to Correspondents.

Much inconvenience having arisen in consequence of several of the Numbers during the past year being out of print, we recommend that the Journal should be field on receipt: it then forms an accumulating useful work of reference.

formation about the New Interpreted in the particulars of Mr. Darlington's new Borer, referred to in the letter of your Cornish Correspondent in last week's Journal? Perhaps you may favour us with it in next week's Journal, as we are much interested in these machines.—M. D.—(The Borer was described in the paper on Rock Drilling Machinery read at the Miners' Association of Cornwall and Devon meeting, fully reported in the Supplement to last week's Journal, p. 895.] The shortest passage ever made from Liverpool to New York was by the Scotia, in eight days two hours.

CORNISH MINERS.—I should feel obliged if some reader would ascertain about the average wages weekly of the tin and copper miners in the mines of Cornwall.—ENQUIRER: Loca, Spt. 8.

ngth of the Great Eastern is 692 feet on the upper deck, and 680 feet between

Reckon ten to the shilling.

MONTGOMERYSHIRE MINING.—I am made to say in my letter, inserted in last week's Journal, in reference to Dyliffe, that the present proprietors had taken it up after every one else had "alandoned it;" what I said was "a had word for it." As the mine has always been worked, perhaps you will kindly insert this correction.—V. O. V.

correction.—V. O. V.

SMARE DEALING.—We never interfere in the sale or purchase of shares; neither do we recommend any particular mine for investment or speculation, or broker through whom business should be transacted. The addresses of most of the latter appear in our advertising columns.

Researed,—"A Subscriber" (Dublin)—"J. E. S."—"J. M."—"Reader:" We are obliged for the enclosure—"Semper Fideles," in reply to "T. P."—"F. S. D."—"R. A." (Sydney)—"E. N. W."—"J. H."—" Country Shareholder"—John Lean: Next week.

# THE MINING JOURNAL.

Railway and Commercial Gazette.

# LONDON, SEPTEMBER 13, 1873.

# THE VENTILATION OF MINES.

It is gratifying to find that a portion of the large profits being made by colliery owners is being applied in many instances in a most praiseworthy direction—that of carrying out, regardless of cost, the best system of ventilating coal mines. That the mode of ventilation adopted and carried out at many of our collieries is most defective is admitted on all sides, hence a great amount of care and caution is necessary on the part of all persons engaged in them to ensure their own safety. Unfortunately, however, that attention so essential to the prevention of accidents is not always given, so that the result is too often seen in some fearful and appalling calamity involving considerable loss of life. Pure air is necessary to the existence of man and animal, and we all know that the quantity of oxygen going into a mine is partly absorbed by the workmen and by the combustion or keeping alive the lights, whilst as it proceeds onwards through the ramifications of the workings it becomes so onwards through the rainflations of the workings it becomes so vitilated by admixture with noxious gases it comes in contact with as to render it unfit for breathing, so that it has to be constantly renewed by a stream of fresh air drawn from the surface. The general system of ventilation now in operation is that created by means of the furnace and drift, the furnace varying from 5 to 10 ft. in width, constructed in an archway of fire-brick, space being left for the passage of air outside of it. The drift rises from the front of the fire about 1 in 6 to the shaft. The amount of ventilation thus obtained is as the square root of the difference between the temperature of the downcast and upcast shafts. But it is well known that very many accidents of a serious character have occurred from the inattention of the fireman, as well as from other preventible causes, and it is more than probable that many of the most serious of our colliery explosions have arisen through such negligence. There is also danger in various other ways from the large fire kept at the bottom of a mine, as was the case early in October last at the Darfield Main Colliery, near Barnsley, where some slack close to the furnace became ignited, set fire to the corves around, and extending into the workings, caused a fearful conflagration, by which not only vitiated by admixture with noxious gases it comes in contact with into the workings, caused a fearful conflagration, by which not only was the head-gearing consumed, but the solid coal set fire to, leading to the workings being inundated. The work of clearing them is not yet completed, and the loss from all causes has been estimated at 100,000l. Such was the result of ventilation by the furnace.

But of recent years, it may be said, there has been a growing opinion amongst mining engineers that in all fiery mines, and in most of those where naked lights are used, the furnace is always a source of those where naked lights are used, the furnace is always a source of danger, and should be superseded by some other system. For the purpose of effecting that object considerable prominence has been given, during the last three or four years in particular, to what is known as mechanical ventilation—a system certainly by no means new. for under varying conditions it has been in use for a long time on the Continent and in this country. In South Wales fans have been at work at three or four collieries for several years, some of them exhausting from 80,000 to 90,000 cubic feet of air per minute, Fans, on what is termed a new principle, have of late been introduced, and although at first colliery owners were slow in taking advantage of them, yet now they seem to be disposed to take kindly to them. of them, yet now they seem to be disposed to take kindly to them Several are being put down in the Midland and other districts, and the fan may now be said to be making marked progress in the estimation of mineowners. Those that appear to be in most request, and

# RAILWAY IRON IN INDIA.

The Indian demand for our railway iron has proved a valuate source of strength in past years, although it has only been langul of late. It will be interesting to enter, upon the whole, into are details in illustration of Indian railway progress and prospects, happears that, including the new State lines, the total length of his property of the prop of line opened at the close of March, 1873, was 5511 miles, leave 2110 miles of authorised line still to be finished off. In this unfinish network of 2110 miles, to be completed upon the State lines, which is hitherto advanced slowly, only some 63 miles being still in operation between the figure of the state lines, which is been at the actual extent of the state railways opened by the Indian authorities after several year pour parlers has been only some 35 miles. But however slaggift the progress of Indian State railway construction may have been it is clearly in these State lines that the British iron trade must repose its hopes and its confidence. Unless iron should come to worked upon a large scale in British India—and this is a continger which is not likely to be realised at present—the Indian State which is not likely to be realised at present—the Indian State which is not likely to be realised at present—the unanity and English rails and plant. Meanwhile, the value of the export of railway materied to British India has declined to some extent to tal for 1872 coming out at 655.822L, as compared with 70.75% in 1871, 1,638.209L in 1867, in which latter year the Indian railway intest was the most profitable and extensive customer of the Moter.

But as it is to the Indian State lines that Ritish isometries.

was the most profitable and extensive customer of the Mother Country.

But as it is to the Indian State lines that British ironmasters must look for support in the future, it is time that we should go into some particulars more particularly relating to them. The tool length of the first of these State lines, the Punjaub Norther Railway, will be about 280 miles, exclusive of a branch to the Findala Khan salt mines. The country between Lahore and Jhelum is reglevel, and would present but few natural obstacles to the construction of a railway, were it not for the formidable rivers which has to be crossed. The Raree, the Chenab, and the Jhelum have be overcome by bridges of about 17,000 lineal feet in the aggregate The cost of these three bridges, including protective works, is estimated at 1,125,000?. The earth works of the line being light, has made good progress, but the great bridges present obstacles which are not likely to be overcome for several months. Beyond Rasal Pindee there are no special difficulties except the crossing of helidus; opinion is divided as to the advisability of crossing this grat stream by bridge or tunnel, and surveys have been recently undetaken with the view of deciding the question one way or the olber Another leading State line will be the Indus Valley Railway which will be about 493 miles in length. The works on this line-which possesses a political rather than a commercial importance-will light, if we except a bridge over the Sutlej, a bridge over the Indus the bridge over the Indus will be a formidable undertaking, as one dits spans will be about 600 ft, in the clear; but little difficulty is ticipated with the foundations, a point which is generally of exiderable importance in connection with bridge construction. A third State line is the Rajpootana Railway, which may be divided into two parts—the Agra and the Delhi. The works on the Aga division are generally light, the only undertaking of magnitude being a bridge over the Jumna, at Agra, which one side about more than a time a Country.
But as it is to the Indian State lines that British ironmasters mu the most important bridge is over the Jumna, at Agra, which consists of 16 spans, 142 feet between the centres of piers. Upon the Delhi division of the Rajpootana Railway the works are very light. The tender of Messrs. Hood, Winton, Mills, and Cag was accepted, for the Holkar State Railway in January, 1872, and the contractan have since commenced the work with energy. Altogether, the demand for British railway iron in British Indiaseems likely to improve

# THE MINERAL WEALTH OF SOUTH AUSTRALIA.

The exhibits in the South Australian Court of the South Kensington Exhibition afford in admirable opportunit mineral wealth of the colony—copper, gold, iron, and bismuthlens each well represented. There is a fine specimen from the Burra Mine of malachite, exhibiting a laminated structure, due to a could be approximated to the miles. regular succession of concentric deposits, and having the surface regular succession of concentric deposits, and having the suffice studded with concretions of crystalline blue carbonate; some 50x % specimens of gold, native, in quartz, and manufactured, of an aggregate value of 2000L; and a most interesting collection of large specimens of iron and copper ores. The iron ores leave no doubt as to the facility for developing an extensive iron trade whenever anadequal and regular supply of fuel can be relied upon. Amongst them special mention may be made of a large block consisting of magnetic iron ore crystallised in small aggregated octahedra, and associated with red hematite, in addition to which there are many fine specimens of red and brown hematites, as well as magnetic and special mens of red and brown hematites, as well as magnetic and specula ores; all these ores are exceedingly rich in metal, and are stated as exist in unlimited quantities in the colony. But by far the mattractive collection is that of copper ores. These are divided in the colony of the colory of the color of the colory of the color o two classes, the first embracing copper ores. These are divised in two classes, the first embracing copper ores and samples of matrix of copper Iodes, exhibited by the Moonta, Wallaroo, Dora, Enla Poona, Burrawing, and Sliding Rock Mining Companies. Many these specimens are very fine, especially a sample of veinstone, consisting of yellow copper ore with mundic and quartz. This specially a sample of veinstone, consisting of yellow copper ore with mundic and quartz.

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men is 12 in. wide, the walls of the lode showing the lode to be that men is 12 in. wide, the walls of the lode showing the lode to be that men is 12 in. wide, the walls of the lode showing the copper thickness; the mundic is partly disseminated through the copper process, the form of cubic crystals. There are some samples of country from the Moonta mines which give a gc of idea of the nature of the found, chiefly micaceous and chloritic schists, in which the lodes are pocks, chiefly micaceous and chloritic schists, in which the lodes are found. It is remarked that in the absence of separate assays of each found. It is remarked that in the absence of separate assays of each found. It is remarked that in the absence of separate assays of each found. It is remarked that in the absence of separate assays of each be given, but that no ores of copper are raised in South Australia of be given, but that no ores of copper are raised in South Australia of copper being particularly fine. The many of the specimens of native copper being particularly fine. The remaining exhibits comprise samples of metallic copper from smelt-remaining exhibits copper ores by the facility of the copper ores by the facility of the facili visit to South Kensington.

# IMPORTANT TIN ORE DISCOVERY ON THE LATROBE RIVER AUSTRALIA.

By advices just received, we have the announcement of a great discovery of rich tin ore on the Latrobe river, 63 miles from Melbourne. The discoverers of this extraordinary mine are Messrs. D. L. S. Smith and John Woods, both members of the Legislative Assembly. The Gorenment have granted to these gentlemen 500 acres in length along the river, which grant is gazetted in Australia, and will with further advices be brought by the next mail. This fresh finding of tin in Australia has caused throughout the colony a very great sention, and will, no doubt, have a similar effect in this country, on acount of the introduction of Australian meat as a general article of food, which is now greatly enhanced in price from the necessity account of the introduction of Australian meat as a general article of food, which is now greatly enhanced in price from the necessity of those who deal in that commodity being compelled in the first instance to forward their orders to this country for the tin cases, then return them and send them out again re-filled. This expense and delay, owing to the grand discovery being made, will be avoided in future, and the preserved meat supplied here at a much lower price. The outlay of working this mine will be comparatively interest the instance of the supplied and the preserved meat supplied here at a much lower price, the instance is a supplied to the supplied and the preserved meat supplied here at a much lower price, and the supplied as it is within 8 feet of the surface out the grice. The outcomes and the surface, and the surface, and the surface, and the means of conveying the ore unusually economical. A railway is to be made to within 14 miles of the district, and the Governmenthave be made to within 14 mines of the district, and the Governmenthave undertaken at their own cost to make a roadway near to the works, so that there will not only be a double line by rail and road, but also a water line of communication for the conveyance of the mineral, which can be delivered at Melbourne at 10t, per ton, and is now 80t. which can be delivered at Merbourne at 102, per ton, and is now solon the market. The grant to the discoverers, together with specimens and further particulars, will be forwarded by the now coming mail. It has been moved in the Assembly by L. L. Smith, that Government should assist the enterprise, and Mr. Macknay, on the part of the Government and the Assembly, promised to apply to the House to vote a sum of money for such purpose.

COAL-CUTTING MACHINERY .- It is gratifying to find that the COAL-CUTTING MACHINERY.—It is gratifying to find that the coal-cutting machine now working so successfully at the Pelsall Call and Iron Company's pit, and which was so highly spoken of by the engineers present at the farewell gathering in honour of Mr. Walter Ness (who is about to take charge on behalf of the Government of the Windale Valley Coal Works, in the Central Provinces of ment of the Windae Variety Coal works, in the Central Povinces of India) is that of Messrs. W. and S. Firrit. These gentlemen have been indefatigable in their exertions to make machine coal-cutting a success, having spared neither time nor money to attain the object in view, and they may now be congratulated upon the machine being, workerly received to the coal lier. practically speaking, perfect.

NEW ZEALAND GOLD. - The value of the gold exported from New NEW ZEALAND GOLD.—The value of the gold exported from New Zealand in the quarter ending with March, 1873, was 732,0634, against 698,922. in the first quarter of 1872, showing an increase in the first three months of this year of 124,021L, or 20 per cent. The total quantity of gold exported from New Zealand to March 31, 1873, was 6,912,670 ozs., valued at 2,732,374L.

FUEL FOR INDIAN RAILWAYS.—In the course of last year 116,223 tons of fuel, the cost of which, including the freight to India, amounted to 361,094L, were sent out from this country for the purposes of the Indian railways. The efforts which are now being made to ascertain what additional coal deposits are available for railways in India, and the measures which have been taken for maintaining a supply of wood fuel will, it is to be hoped, have the effect of rea supply of wood their win, it is to be hoped, have the effect of reducing this large amount in future years. For the purposes of the Great India Peninsula Railway 77,718 tons of coal were shipped last year, and the average cost when used in India was 2%, 2s. 61. per ton. The Bombay, Baroda, and Central India Railway Company also consumed 11,226 tons of English coal last year; the average cost when used in India was 1%, 19s. 8d. per ton.

AMERICAN IRON TRADE WITH CANADA.—A few years ago the United States sent no iron worth speaking of to Canada, England having that market all to herself. In 1872, however, trade affairs took a turn, and we find that during the fiscal year which ended June 30, 1872, the United States sent cutlery, tools, stoves, castings, and other hardware to Canada, to the value of \$1,619,278, whilst all other countries sent there similar goods a yaught at \$2,200,609. This other countries sent there similar goods valued at \$2,200 669. This shows that more than a year ago the United States had 42 per cent. of the Canadian trade in these articles, and there is no doubt that in he past year their proportion of the trade has greatly increased.

THE COAL INDUSTRY OF FRANCE.—A Parliamentary Commission has been appointed in France to enquire into the search industry. One of the means adopted to bring to light the desired industry. One of the means adopted to bring to light the desired information is the issue of a list of questions to coal producers, consumers, and dealers, who are requested to send in their answers before the end of September. The questions are 20 in number, and are framed with a view to ascertaining the various sources and descriptions of the coal consumed in France; the average price during each of the past five years; the causes and effects upon industry of the existing scarcity; the possibilities of and the hindrances to increased production; and the deficiencies in the means of coal transport. No allusion is made to the changes in the rates of wages, nor to the profits of the trade, nor to the cost of production, but enquiries are made whether colliers produce all they might, and what has been appointed in France to enquire into the state of the coal industry. One of the means adopted to bring to light the desired quiries are made whether colliers produce all they might, and what is the extent of mines not at present worked. There is some reason to believe that there are several French collieries which the concessioneries. sionaries, for some reason or another, will not work; for it is stated Council General of the San Government to require concessionaries of unworked collieries either to abondon their grants or to work them.

SPANISH IRONSTONE MINES. -Yet one more difficulty has been added to those with which the British iron industry is struggling. The iron mines near Bilboa have fallen into the hands of Don Carlos. The iron mines near Bilboa have fallen into the hands of Don Carlos, who will not permit them to be worked. He has other occupations for the mines to engage in, and, therefore, the growing mineral industry of Northern Spain, which was doing much for the prosperity of the country, must be stopped. The rapid development of this branch of Spanish production may be inferred from the following statistics showing the imports into the United Kingdom of iron ore from the Peninsula during the past five years:—1872, 631,134 tons; 1871, 392,382 tons; 1870, 179,085 tons; 1869, 99,816 tons; 1868, 88,770 tons. The recent growth has been even more surprising than in any of the years named. Two Sheffield firms alone have recently arranged for the importation of 1,000,000 tons annually of Spanish ironstone. It may, therefore, be imagined how great is the loss to the English iron trade occasioned by this untoward interruption.—

Messra, Sim and Coventry, agents to the Santander Mining Company, write the test of the state of the state of the santander Mining Company, write the test.

into the hands of Don Carlos, the mines in the adjoining province of Santander are still intact, and, as far as this company is concerned, are being worked more vigorously than ever, our shipments for August being considerable."

# REPORT FROM CORNWALL.

Sept. 11.—Once again we have to write that there is little change to note in the condition of mining affairs. The improved feeling of which we spoke last week is, however, quite maintained, and the belief in the speedy rise of the tin standard suffers no abatement, although no additional grounds for this opinion have transpired. although no additional grounds for this opinion have transpired. Those who are most strenuous in looking for a more or less immediate improvement found it chiefly upon the reports from Australia, which seem to be generally to the effect that the rush of Australian stream tin will soon be over; that the most accessible deposits are already practically exhausted; and that the actual lodes, so far as stream tin will soon be over; that the most accessible deposits are already practically exhausted; and that the actual lodes, so far as has yet been ascertained, are few and far between; and they strengthen their opinion by a reference to the fact that English tin has undoubtedly somewhat hardened in price. Whenever Cornish tin ceases to have a competitor in Australian stream tin the balance must incline in our favour. Directly the raising of tin in Australia becomes a question of actual mining we must feel the benefit, both in the reduced output and in the interpresed cost of production abroad

in the reduced output and in the increased cost of production abroad.

If there is not such an improvement specifiy it is most likely that the abandonment of mines and the relinquishment of shares which we have had hitherto will be of comparatively minor importance with what we shall have; and then the mines that can tide over the depression will be repaid by the enhanced prices that must follow upon such a diminution in the supply as would ensue. must follow upon such a diminution in the supply as would ensue. Mine materials will become quite a drug in the market ere long. The other day Wheal Busy was sold off; next week Poldice will share the same fate, and rumour puts more than one important concern in the next place. It is not a little singular that at this moment Capt. Teague is connected with more dividend-paying mines than any other manager in Cornwall. Nothing succeeds like success, and his success is wonderful; but then, when the mining fever was at its height, and his name would have been a tower of strength to many a newly-launched concern, he never had anything to do with paper companies. paper companies.

Two mine lords at least in West Cornwall recognise the policy-

we would rather say the duty—of helping the mines over the present crisis by a reduction of the dues. Thus Mr. Basset has just reduced the dues in East Pool, under the present exceptional conditions of the mine, to 1-30th on both copper and tin until an improvement takes place. He has also reduced in West Seton. We are glad to note, too, that the Duchy of Cornwall has, in some instances, shown a similar hiperality. And yet there are lords who, in the face of the

note, too, that the Duchy of Cornwall has, in some instances, shown a similar liberality. And yet there are lords who, in the face of the prospective ruin of the chief industry of the county—for nothing but ruin could ensue from their policy being generally adopted—will insist on their "pound of flesh," and kill the goose that has laid for them, at such little cost, so many golden eggs!

By the death of Miss Elizabeth Carne, of Penzance, science in Cornwall has lost a firm friend and an ever ready supporter. Especially was this the case with those sciences which are more immediately connected with mining—mineralogy, for example. The specimens in the fine museum of the Royal Geological Society at Penzance were chiefly arranged by her; and at the time of her death she had nearly completed the erection of a building destined to receive the magnificent collection formed by her father, whose labours in matters Cornubian, both scientific and industrial, need no claborate eulogy here.

Within the last few days the works of the Cornwall Minerals Railway and the capabilities of the district have been closely investigated by a gentle-

way and the capabilities of the district have been closely investigated by a g man, who, were we to mention his name, would be recognised as one of the g authorities in the railway world. He is convinced that there is a mistake, b in the direction so many Cornishmen fondly imagine. Instead of there not traffic for one pair of rails, he is convinced that there will be more than enon two: that the mistake is in not working the lines double, instead of single.

# REPORT FROM LANCASHIRE AND CHESHIRE.

Sept. 11.—An advance in the price of coal, equivalent to about 1s. 8d. per ton, has been made in West Lancashire, and the other portions of the district will, no doubt, follow suit. Whether this is to be attributed to the disputes between colliers and their employers, and consequent deficiency of supply, or to an increasing demand it is difficult to say, but probably the latter course is the true one. Although there has been much dissatisfaction and some trouble on the introduction of the winding along the collisions. the introduction of the weighing clause, the stoppages at collieries have not been of long duration, nor have they happened all at one time. On the other hand, before the trouble came there were signs of a steadily improving market, and these continue. Best Arley coal is now realising more than 1l. a ton at the pit mouth, and other sorts are proportionately high. Very few collieries have stocks on hand, and there seems no reason why prices should not go still higher. The iron market activity is being renewed, and there has been a very great demand for pig. Mannfactured iron, too, is greatly enquired for, and with an agitation afoot for higher wages amongst moulders advanced prices are anticipated.

At Bolton, on Thursday, a conference concerning the weighing clause took place between colliery proprietors and delegates appointed by the men. Mr. Thomas Fletcher, jun., of Little Lever, presided, and every colliery in the district affected by the clause, with the exception of the Messrs. Knowles, of Pendlebury, were represented. It was arranged to refer the matter in dispute to arbitration. It was stated that weighing machines were being put down presented. It was arranged to refer the matter in dispute to arbitration. It was stated that weighing machines were being put down at all the pits that would be in operation as soon as the price per ton is agreed upon. If this arrangement can be carried out the difficulty as to payment by weight will practically be settled throughout the county. There are still some collieries where disputes on the county. There are still some collieries where disputes on the point exist in West Lancashire, but they are daily being reduced

# TRADE OF THE TYNE AND WEAR.

Sept. 11 .- The general state of trade on the Tyne and Wear has Sept. 11.—The general state of trade on the Tyne and Wear has been very quiet of late, and comparatively only a moderate amount of business has been done during the past week, but the near prospect of winter, or, at any rate, of colder weather, has had the effect of increasing the demand for all kinds of good coal. Inferior sorts have been somewhat cheaper on the Tyne of late, but all first-class fuel may now be expected to advance in value, as the demand is certainly improving. There has been a very strong demand in South Durham lately for coke and all classes of coal. Of course the demand for coke in the Cleveland and Cumberland districts continues to increase as the iron trade is improving, and the tendency, therefore. increase as the iron trade is improving, and the tendency, therefore, at present is certainly towards enhanced rates. Many classes of miners and men employed about the mines are agitating for still miners and men employed about the mines are agitating for sun-higher wages; those questions are generally submitted to the joint committee of owners and miners, and in most cases the questions at issue are decided by the committee. Many strikes, however, occur, but only for a short time, from one day up to a week. But for the action of the committee there would have been numerous strikes. Looking at the fact that many classes of men are still getting ad-vanced wages from time to time, and that the short hours sadly baffle all attempts to increase the output of coal, the only prospect at present is that all kinds of fuel will increase in value during the next few months. THE INUNDATION AT MONKWEARMOUTH COLLIERY.—The broken

segment has been replaced by a new one in the shaft at this place, but the water has not yet been removed, and a few days must elapse before this can be accomplished. The occurrence has caused a se rious loss to the owners, especially as numbers of the men have got employment at other works.

Mr. Thomas Green, of the Phœnix Chemical Works, Ouseburn, has patented some improvements in apparatus for heating feed water, applicable to steam-boilers and other purposes. The object of the invention is to adapt and apply hollow fire-bars to the purpose of heating feed water, by causing the water to pass through each bar successively, so as to heat it near to the boiling point before it is forced or caused to pass into the steam-boiler or other receptacle required. The hear are connected at each end by connecting pieces. arranged for the importation of 1,000,000 tons annually of Spanish ironstone. It may, therefore, he imagined how great is the loss to the English iron trade occasioned by this untoward interruption.—
Messra, Sim and Coventry, agents to the Santander Mining Company, write that "though the ironstone mines near Bilboa have fallen"

The bars are connected at each end by connecting pieces, so as to form a continuous watercourse from one to the other through the whole series from the inlet to the outlet pipe. The water heated the whole series from the inlet to the outlet pipe. The water heated by its passage through the fire-bars may be forced into the steambourse of the intervention of a cistern or cisterns; and

the circulation of the water through the fire-bars may be rendered

the circulation of the water through the fire-bars may be rendered self-acting and continuous, so as not to require a force-pump.

Newcastle Institute of Mining and Machanical English and continuous of gentlement stand for election, and, on the whole, the Institute is prospering exceedingly, the number of members continuing to increase most rapidly, and the financial position is most satisfactory. It is now a great and powerful society, composed of mining engineers, viewers, agents, and mechanical engineers indeed, the latter element has become so strong as to threaten to swamp the old mine engineers, &c., by whom the society was originally founded. It has often been the subject of remark lattly that scarcely any papers are read bearing on the working of mines underground by practical men, and this has caused much regret. Some new measures have also been proposed with a view to remedy this untoward state of things. However, at the meeting on Saturday two papers are to be read, both of which have an important bearing on coal mining science.—1. "On a New Description of Safety Lamp," by Mr. Emerson Bainbridge.—2. "On the Differential Expansion Pumping-Engine," by Mr. Henry Davey, C.E. There is nodoubt that these papers will attract a large number of practical men, and especially when the discussion of the papers takes place.

The industries of the North have this week been recruited by the introduction of the manufacture of spiegeleisen by Messrs. Bolckow, Vaughan, and Co., at Witton Park Ironworks. The addition of another branch of iron manufacture to those by which South Durham and Cleveland have acquired world-wide fame is in itself a fact of considerable interest.

The interesting ceremony of cutting the first sod of a new colliery at Hart Bushes, near Castle Eden, was performed on Wednesday. The occasion was the first general meeting of the Hutton Henry Coal Company, who assembled fame is in itself a fact of considerable interest.

The interesting ceremony of cutting the first sod of a new colliery at Hart Bu

# REPORT FROM MONMOUTH AND SOUTH WALES.

Sept. 11.—For finished iron enquiries are somewhat better this week, and, on the whole, the trade shows further improvement, and prices are firmer. This is mainly to be attributed to the increased contracts on home and colonial account. When it is seen to what an extent the American trade has fallen off, it is not a little surprising extent the American trade has fairen on, it is not a little surprising that the large works of the district are kept so well employed as they are. Up to only a few months ago the rail-mills depended almost entirely on United States contracts, but at present hardly one-sixth of the quantity of iron is cleared to the American markets. During the whole of last month only 1618 tons of rail-iron were exported to New York from Cardiff. This decreased trade is all the more significant inasmuch as it is not considered temporary. To come actual readout American hypers keen aloof from the warket some extent, no doubt, American buyers keep aloof from the market owing to the high prices, but to a greater extent they do so be-cause they can get their supplies at home, and this will continue. Therefore, makers must look to other sources in future for their

cause they can get their supplies at home, and this will continue. Therefore, makers must look to other sources in future for their large rail contracts. Probably new sources of demand will arise from time to time, and makers will possibly find customers in the East if they cannot in the West. The total quantity of iron exports from the district last month was 37,882 tons, as compared with 33,926 tons in August, 1872. The upward tendency in prices of pig and other unfinished iron has been checked. There is still no improvement to be noticed in the tin-plate trade.

It is now stated that the sale of the Cyfarthfa Works by Mr. R. Crawshay to a limited liability company has been completed, the latter having agreed to the sum fixed by Mr. Crawshay—1,250,000. The works rank amongst the largest and most complete in the world, and to Mr. Crawshay it must appear almost like parting with a kingdom. Like most other things, however, the palmy days of iron-making have past, and ironworkers, colliers, miners, and labourers are much more troublesome things now than they were formerly. No doubt to masters who have been accustomed to manage their own affairs in their own way, and to listen to no dictation from those who take their hire, all the Unions, executives, presidents, and delegates now springing up are very troublesome and intolerable things. It was some time ago reported that Mr. Wm. Crawshay, the son of the present proprietor, would be one of the managing directors of the new company, but whether the report was correct or not has not been authenticated.

If merchants could get coals to sell they could do a large trade. For all qualities there is a good demand, but the supplies required

correct or not has not been authenticated.

If merchants could get coals to sell they could do a large trade.

For all qualities there is a good demand, but the supplies required cannot be obtained owing to the comparatively small output of the collieries. Disagreements continue to crop up from time to time becollieries. Disagreements continue to crop up from time to time between masters and men, and continual interruptions to working are the result. Meetings have been held to discuss the discharge-note system, and the scheme has been warmly denounced by the men, and if the masters carry it out we may not congratulate ourselves upon having seen the last of strikes. Prices are firm, and in some instances further advances have been established. Small coal is now selling at 10s. per ton. It was only a short time ago it was an unmarketable commodity. House coals will undoubtedly realise still higher prices in the winter. The disputes and strikes and irregular working of the collieries last month told considerably on the trade. There was considerable rejoicing at Pontypridd last week over the

There was considerable rejoicing at Pontypridd last week over the striking of a splendid seam of steam coal 6 ft. 6 in. in thickness, at a depth of nearly 300 yards. They had further cause to rejoice this week, for another seam about 3 ft. 6 in. thick has been struck only a foot or so below. This will make altogether nearly 10 ft. of excellent quality.

The following are among the imports at Swansea during the past The following are among the imports at Swanses during the past week: "Hannah, Bilboa, 270 tons iron ore, order; Marie Caroline, St. Yaast, 60 tons pitwood; Volta, Bull River, 400 tons phosphate rock, Vivian and Sons; Annie Real, Bull River, 600 tons phosphate rock, order; Havre, Havre, 10 tons spelter, Lysaght; Bride, Tilt Cove, 8:8 tons copper ore, H. Bath and Son: Alpha, Charanal, 855 tons copper regulus, Bath and Son; Village Belle, Bilboa, 370 tons iron ore, Jaufret; Petit Joseph, Bona, 73 tons iron ore, Landore Steel Company; William and Anne, Bilboa, 375 tons iron ore, Sutton and Jenkins; San Francisco, Carloforte, 740 tons zinc ore, Vivian and Sons; Emily Waters, Autofagasta, 708 tons of silver ore, H. Bath and Sons; Chester, Porman, 1450 tons iron ore, order. Tiara, Santander, 250 tons iron ore, order. Santander, 250 tons iron ore, o'der.

# REPORT FROM NORTH AND SOUTH STAFFORDSHIRE.

Sept 11.—The South Staffordshire Iron Trade shows increased firmess this week, both as to demand and quotations. No change has been declared in the standard for marked iron, but makers are re-luctant to accept orders at current rates, and it is very probable that an advance of 1l. per ton will be announced on quarter-day, Much as to this, however, must depend on the action taken in the meantime with regard to the rate of wages, the present agreement between the ironworkers and their employers terminating at the close of this month. Pig-iron remains firm at 7l. 5s. to 7l. 10s. for the best brands of native all-mine, 6l. 10s. for part-mine mixed with flue cinder, and 5l. to 5l. 10s. for cinder-iron, according to quality. The finished iron manufacturers continue to quote 14l. for marked bars, but second-class makes are firmer at 13l. 2s. 6d. For sheets the price is stronger at 15l. for singles. A further advance of 10s, per ton in galvanised roofing-sheets is announced, being due in part to the increasing value of spelter. For corrugated iron (20 guage) 24l. 10s. per ton is now the market rate. Thin sheets and tin-plates are especially in improved request. een declared in the standard for marked iron, but makers are re-

241. 10s. per ton is now the market rate. Thin sheets and tin-plates are especially in improved request. The South Staffordshire Coal Trade is improving steadily as to demand, and prices are firm on the following standard:—Thick coal, best households, 24s.; furnace coal, 20s.; rough slack, 10s. to 12s.; fine ditto, 6s.; thin forge coal, 15s. to 17s.; house ditto, 15s. to 20s., according to quality; and slack, 6s. per ton. Ironstones remain firm at 25s. to 20s. for best native samples.

The introduction of coal-cutting machinery on Messrs. W. and S. Firth's principle in the Pelsall Coal and Iron Company's mines, near Walsall, to which detailed reference will be found in another column, has been attended with considerable success. One machine will, it

is estimated, do the work of nine men, and at the present rate of wages the original cost of each machine would be recouped after six months' working.

Mr. Walter Ness, whose heroic services on the occasion of the Pelsall Colliery disaster will never be forgotten in South Staffordshire, has just quitted the district to enter upon a Government appointment in India. The coal field which he has gone to develope is in the central provinces, and is 60 miles in length by 20 miles in breadth. One seam of coal, 52 ft. in thickness, has been proved under this vast area at a depth of 140 ft.; and another seam, 32 ft. thick, at a depth of 180 ft. The best wishes of the coalmasters and mining engineers of South Staffordshire will follow Mr. Ness on his new and important enterprise.

his new and important enterprise.

A new mineral railway is projected in South Stafforlshire to run from the Crescent, near Willenhall, through the Greenfield Colliery, and the mineral estate of Messrs, Aldenbrooke, at Rough Hay, to Bilston, intersecting a valuable mining area. The project has been well received by the coalmasters, the railway authorities, and the general public.

general public.

In North Staffordshire the Coal and Iron Trades are without any in North Statiorashire the Coal and Fron Trades are without any important feature since our last notice. Crown bars are 121. 10s., and others in proportion, with a sustained steadiness of demand. Pig-iron (grey forge) is 51. 15s., delivered in South Staffordshire. The price of coal remains firm, although there is no increase in the composition.

And others in proportion, with a sustained steadiness of demand. Pig-iron (grey forge) is \$\tilde{S}\$. Isa, delivered in South Staffordshire. The price of coal remains firm, although there is no increase in the consumption.

A memorial to the Home Secretary on the subject of the non-enforcement of the law as to the use of whistles on steam-boilers in South Staffordshire, and especially complaining of the flagrant violation of the law by a firm at Darlaston, has elicited from Mr. Lowe a reply to the effect that he has no official jurisdiction in the matter, but strongly advising the memorialists to take legal proceedings against the offending parties.

FUEL PROSPECTS IN SOUTH STAFFORDSHIRE.—Considerable interest is naturally excited in South Staffordshire, both among private householders and large consumers, as to the prospects of the coal market during the ensuing winter. Without pretending to possess the gift of prophecy on the subject, we may at least venture to recite a few leading facts, and draw therefrom a few logical conclusions. The present weekly output of coal in South Staffordshire is estimated at 10,000,000 tons, being one-third less than the yield previous to the restriction imposed by the Regulation of Mines Act, and the concessions made to the collers in regard to the hours of labour. The labour market is now in a satisfactory state, and it is not apprehended that any fresh demand either for higher wages or coal at the pit's mouth in the South Staffordshire district were as follows:—Best thick coal (house), 24s.; furnace ditto, 20s.; rough slack, 10s. to 12s.; fine ditto, 6s.; thin forge coal, 15s. to 17s.; ditto (house), the quantities being very variable, 13s. to 20s.; and slack, 4s. per true. The present aspect of the trade is decidedly firm, stocks being very low, owing to the limited vurput during the summer, and it is quite certiin that in the absence of any extraordinary decline in the iron trade there will be no diminution in the price of coal this winter. It is, indeed, considered probab

# REPORT FROM DERBYSHIRE AND YORKSHIRE.

Sept. 11.—The vast profits said to be made by colliery owners during the past year have led to capitalists investing in mining property to such an extent that in many districts for miles in a straight line, where there is railway communication, all the available coal has line, where there is railway communication, all the available coal has been purchased with avidity. So great, indeed, has been the desire to purchase that lessors have been able to obtain almost any price they asked the advance in some localities for Thick coal being from 300% to upwards of 430% per acre. The largest coal district in England is that known as the Midland coal field, extending in nearly a straight line from Nottingham to Leeds, the entire length being 65 miles, varying in breadth from 5 to 20 miles. In this great field there are a very large number of collieries being opened out, and others about to be commenced, so that in the course of from one to three years there will be a daily addition to our present output of coal of many thousands of tons. At the northern extremity of the field, a very extensive plant is being put down to work the measures on the estate of the Duke of St. Albans. At Wathall, active preparations are being made for sinking by the Messrs. Burber, Walker, and Co., of the Estavood Collieries. On the well-known Newsted Abbey Estate the coal covering an area of 5000 acres has been sunk, the works being the joint property of the Staveley and Sheepbridge Coal and Iron Companies, the seams including the well-known black shale or Silkstone. New collieries are about to be commenced at once at Hucknall-under-Huthwaite, whilst in the vicinity of Mansfield upwards of 4000 acres of coal are only awaiting development the short line hetween the former place and Waykan.

some at Hucknall-under-Huthwaite, whilst in the vicinity of Mansfield upwards of 4000 acres of coal are only awaiting development the short line between the former place and Worksop.

Advancing into South Derbyshire, a great many new pits are being sunk, whilst several extensive collieries are projected in the Erewash Valley, and so take advantage of the new line between Nortingham and Derby. Near to Chesterfield the Staveley Company, with a productive power of upwards of 800,000 tons of coal a year, and with an unsworked field of some thousands of acres, is about to sink two new shafts—the Silkstone coal of the company being about the finest in the county. The Alton Colliery, just taken to by a company, purpose extending the workings of the coal, whilst midway between Chesterfield and Sheffield several new collieries to the black shale are being opened out. Near to Sheffield the Industrial Coal and Iron Company is sinking in a new shift to work a seam of coal a moderate depth. Near to With, in the same direction, Messys. Sellars and Coare sinking to the Birnsley coal, having a field of about 1000 acres, and purpose raising 1000 tons a day. In the same district several other collieries are about to be sunk, all of which intend sending to bank, when fully at work, not less than 1000 tons daily. Near Honghton, the coal belonging to Mr. Wright, about 1300 acres, has been secured, and the site for the colliery has been selected. A vast field of coal on the estate of Mr. F. J. Foljambe, M. P., at Grimethorpe and Brierley, is understood to have just been secured, and the coal of the Rev. S. Allott, of South Kirby, that also been taken. The Wombwell Min Company is sinking to a good seam, whilst in the same locality Messrs. Mitchell and Stewart are sinking to the Barnsley before the Secured a large area of coal, and about a couple of miles from them the sing proper to the depth of the measures. In the same locality, at Carlton, bries are being made preparatory to sinking to the Thick coal on the estate of messrs. Boy,

Lincoinshire have secured a large area of coul, and about a couple of miles from there the Messrs. Davy, of Sheffield, are boring a short distance from the Midhad Railway, to prove the depth of the measures. In the same locality, at Carlton, bricks are being made preparatory to sinking to the Thick coal on the estate of Lord Wharneliffe.

In the Barnslev district the coal is being opened out in all directions, Mr. Lodge, of Bloomhouse Colliery, going down to the Silkstone and other seams, on the estate of Mr. W. S. Stanhope, M. P., and the Silkstone and other seams, on the estate of Mr. W. S. Stanhope, M. P., and the Silkstone all Company has also taken the coal on part of the same property. The Silkstone coal, which underlies the Harnsley coal at an average depth of 380 yards, his not as yet been reached from it; but now three different firms are going from one to the other, the Messrs. Newton, Chambers, and Co., from close to the outcrop, about three miles from Barosley: the Hoyland and Elseau Company, from their pit at Hoyland: and the Earrow Steel and Hematite company, at a place called Worsborough, on the estate of Mr. Edmunds. The penetrating to the Silkstone seam will open out a vast and valuable field of coal many miles in extent in South Vorkshire alone. Near to Doncaster, the Rosedale and Ferryhill Company has secured 15:00 acres of coal. In the Wakefield district, the coal on the estate of Sir L. Pilkington, Bart. Mr. Waterton—son of the late well-known naturalist—and several others, are now being very extensively developed, and the same is the case with regard to the Horbury. Normanton, and Leeds districts. When the works in operation, and about to be opened out, are completed, and in full working order, it is estimated that in the Midland field alone there will be an increase in the production of from 200,000 to 220,000 tons per week. As several other districts are now busily engaged in opening out new collieries, it is evident that theremust be a most estraordinary change indeed in the course of t

and abroad.

The Iron and Coal Trades in Derbyshire and Yorkshire are much as they have been for the last week or two. The former is very active between Dronfield and Chesterfield, and along the Erewash Valley routs. The foundries in particular are doing remarkably well, as are the Bessemer and maileable works. There is not such a good demand for house coal as there was a month since, and at several of the collieries,

is estimated, do the work of nine men, and at the present rate of wages the original cost of each machine would be recouped after six months' working.

Mr. Walter Ness, whose heroic services on the occasion of the Pelsall Colliery disaster will never be forgotten in South Staffordshire, has just quitted the district to enter upon a Government appointment in India. The coal field which he has gone to develope is in the central provinces, and is 60 miles in length by 20 miles in breadth. One seam of coal, 52 ft. in thickness, has been proved under this vast area at a depth of 149 ft.; and another seam, 32 ft. Taking advantage of one of the clauses of the Mines Regulation.

Taking advantage of one of the clauses of the Mines Regulation.

Taking advantage of one of the clauses of the Mines Regulation.

tions are being pushed forward.

Taking advantage of one of the clauses of the Mines Regulation
Act, the workmen of the New Oaks Colliery appointed two of their
number to examine the mine and report as to its condition. The

number to examine the mine and report as to its condition. The examination took place on Aug. 14 and the two next days. The following is the report:—

The workmen of the above colliery appointed two of their number to inspect and report on the state of the mine; such inspection commenced on Aug. 14, 1873, and was continued the two following days. The following is the report delivered to their fellow-workmen on the evening of Sept. 4, 1873;— "We, the undersigned, on Aug. 14, commenced an examination of the New Oaks Mine, commencing at the furnace, and travelling the north roads (returns) to the workings; found said returns of a large area, and in our opinion quite adequate to supply us with a plentiful current of pure air. On the same day examined a portion of the north side working banks, found the same well supplied with a current of pure air, and free from gas in gobs. Timber and other appliances for safety in a satisfactory state, and can resommend to our fellow-workmen animal portion of the north side workings, also the workings on the south side, and found everything in a satisfactory state, and can recommend to our fellow-workmen our approval of the same. All old works, gobs, &c., free from gas, and sufficient quantity of ventilation. No complaints from any workmen we visited.

# REPORT FROM SCOTLAND.

Sept. 10 .- The Warrant Market continues in an excited state, with Sept. 10.—The Warrant Market continues in an excited state, with prices exceedingly irregular, principally because an amount of speculative business is being done out of all proportion to the limited stock of iron in store. The price, which touched 125s. 9d. last week, receded until 113s, was accepted on Friday, and the market closed on that day about 116s. On Monday a moderate business was done from 115s. to 117s., closing at 116s. 6d. Yesterday numerous transactions took place during the forenoon from 116s. 6d. to 119s. 6d., but during the afternoon business was done down to 118s., closing at 118s. 6d. To-day the prices ranged from 119s. to 116s. 3d., closing at 116s. 6d. The prices of makers' iron are at present very irregular, but they are decidedly easier since last week, and it is now evident that the late rapid advance was not altogether warranted by the legitimate requirements of the trade.

No. 1. No. 3. quirements of the trade. No. 1. No. 3.

G. M. B., at Glasgow (deliverable alongside)......120s.0d.....117s.0d.

	Gartsherrie	ditto	ditto	132	6	125	0
	Coltness		ditto	135	0	121	0
	Summerlee	ditto	ditto	125	0	122	0
	Carnbroe	ditto	ditto	125	0	119	0
	Monkland	ditto	ditto	125	0	117	6
	Clyde	ditto	ditto		0	117	6
	Govan, at Br	oomielaw	ditto	122	6	117	6
	Langloan, at	Port Dundas	ditto	127	6	120	0
	Calder		ditto		0	122	0
		, at Ardrossan	ditto		0	119	0
		ditto		122	6	117	6
	Dalmellingto	n ditto	ditto		0	117	0
			elected, ditto		0		
	Shotts, at Lei		ditto		6	120	0
	Kinneil, at B	oness	ditto		0	116	0
					2		
					_		
	2.1111		SHIPMENTS.				
	Week ending	Sept. 7, 1873				Tons 15,79	99
			******************				
							_
	Decreas	46	*************			5.1	10
	Total decrease	e since Dec. 25	, 1872			206.5	57
m	ports of Middl	eshorongh pfo	iron into Gran	gemouth:-			
	Week ending	Sept. 6, 1873	** ************************************	4		Tons 2.19	00
	Week ending	Sept. 7, 1872				1.30	00
							-
	Increas	in .				80	30
	Total increase	for 1973				3.4	13

Total increase for 1873.

Home hematites are receiving more attention again, not from choice of smelters, but chiefly, we fear, on account of the shutting of the port of Bilboa, both Republicans and Carlists having issued orders for all vessels to leave that port forthwith. Should this order be strictly enforced, we will have to do the best we can with what is at hand.

The anomalous condition of our pig-iron market, as indicated above, shows how much prices are influenced by speculative operations; and while makers manifest great firmness, the same brands

tions; and while makers manifest great firmness, the same brands can be had generally on easier terms from second hands.

The recent speculative purchasing of finished iron has exhausted itself, and trade wants are being supplied 5s, under the recent advance. This remark applies to all bar-iron, and although the works are rather better off for orders, there are almost no new enquiries. The Clydesdale Iron Company have commenced the use of Ramsbottom's reversing apparatus for rolling plates with success. The trial took place in the presence of the leading iron manufacturers and engineers in this district, who expressed themselves satisfied with the work and the ease with which it was accomplished. There is great economy of power, as the steam is only called into operation when in the act of working, and it is found to be possible to pass 25 tons of iron through the mill per shift of 12 hours, the plates when finished being 74½ in, broad, 11-16 in, thick, and 12 to 16 ft, in length.

There is a fair average trade doing in coals for home use and ship-

finished being 74½ in. broad, 11-16 in. thick, and 12 to 16 ft. in length. There is a fair average trade doing in coals for home use and shipment at firm prices, with the tendency upwards. The quantity in depôts is very limited, and the colliers are so managing that the consumption equals the output. In these circumstances coalmasters are not likely to make any reduction, and everything in connection with the trade favours the probability of an advance. During the week the shipments amounted to 39,844 tons, being rather under those (44,906 tons) of last year, by about 5900 tons. There is a want of wagons on the lines of railway running through the coal districts, which is considered an indication of a full in the demand, and an evidence that the sidings are filled with wagons waiting on being an evidence that the sidings are filled with wagons waiting on being emptied. The miners, with a few exceptions, are at work, "playing" a day now and then for the purpose of "demonstrating" on some subject or another—Union rules, weighing, or some local

# WATSON BROTHERS, 1, St. MICHAEL'S ALLEY, CORNHILL, LONDON, E.C.

1, ST. MICHAEL'S ALLEY, CORNHILL, LONDON, E.C.

SATURDAY,—Holiday, Stock Exchange closed.

MONDAY.—Very little doing to-day. Dolcoath, Cook's Kitchen, Crebor, Grentille, Tincroft, and New Rosewarne shares chiefly in demand; Emma and Flagteff weaker. Dolcoath, Sv2/5 to 55; Cook's Kitchen, 17 to 18; Crebor, 3/4 to 3/4; renville, 5 to 6; Tincroft, 47 to 49; New Rosewarne, 1½ to 1½; Emma, 5 to 3/2; lagstaff, 4½ to 4/2.

TUESDAY.—Market rather quiet. Grenville, West Tankerville, South Carn Brea, nd Crebor shares firm at quotations. Grenville, 5 to 6; West Tankerville, 3½ to ½; South Carn Brea, 3/2 to 3/2; Crebor, 3/2 to 3/2; New Rosewarne, 1 to 1½; adjwell, 3/2 to 3/2; Emma, 3/2 to 3/2; Sweatland Creek, 5/2 to 5/2.

WEDNESDAY.—Market continues dull and inactive, most of the dealers being may with the settlement.

WEDNESDAY.—Market continues dull and inactive, most of the dealers being busy with the settlement.

THURSDAY.—Market moderately active for Crebor, Grenville, West Tankerville, and South Roman Gravels; Pennerley, Cook's Kitchen, and East Lovell weaker. Crebor, 3½ to 3½; Grenville, 5½ to 5½; West Tankerville, 3½ to 3½; South Roman Gravels, 1½ to 1½; Pennerley, 1½ to 1½; Cook's Kitchen, 16 to 17; East Lovell, 14 to 15: Van Conosle, 4½ to 4½; Emma, 3½ to 3½; Richmond, 6½ to 5½.

REIDAY.—Settling day—market quiet. South Roman Gravels, 1½ to to 1½; Crebor, 3½ to 3½; South Carn Brea, and Grenville shares chiefly in demand. South Roman Gravels, 1½ to to 1½; Crebor, 3½ to 3½; South Carn Brea, 3½ to 3½; Grenville, 5 to 5½; New Rosewarne, 1 to 1½; Great Wheal Vor, 3 to 3½; Flagstaff, 4½ to 4½.

IN THE MATTER OF THE COMPANIES ACTS 1862 AND 1867, AND IN THE MATTER OF THE PACIFIC MINING COMPANY, LIMITED.

THE MATTER OF THE PACIFIC MINING COMPANY, LIMITED.

THE CREDITORS of the ABOVE-NAMED COMPANY are
REQUIRED on or before the 1st day of December, 1873, to SEND their
NAMES and ADDRESSES and the PARTICULARS of their DEBTS or CLAIMS,
and the names and addresses of their solicitors (if any) to Messes. ALFRIG GOOD,
CUTHERET CULTIS, and WILLIAM JOHN LAVINGTON, the liquidators of the said
company, at the offices of Mr. Alfred Good, No. 7 Poultry, in the City of London,
public accountant, and if so required by notice in writing from the said liquidators
are personally, or by their solicitors, to COME in and PROVE their said DEBTS
or CLAIMS at such time and place as shall be specified in such notice, or in default
thereof they will be EXCLUDED from the BENEFIT of any DISTRIBUTION
made before such debts are proved.

FREDE, WM. SEELL, Solicitor for the liquidators,
1, George-streat, Mansion House, London.

Dated this 3rd day of September, 1873.

ISSUE OF £30,000, (Balance of £120,000),

(Balance of Electron),
PERPETUAL FIVE PER CENT. DEBENTURE STOCK OF THE EXTENSION TO THE MIDLAND RAILWAY SOMERSET AND DORSET RAILWAY COMPANY

The Directors of the Somerset and Derset Railway Compuny are preposed by ceive subscriptions for £30,000, being the unplued boduce of the £12,000 of the petual Five per cent. Extension Debenture Stock, in sums of £100 and upwards the preposed by the petual Five per cent. Extension to the Middle of £100 and upwards Bath, authorised by the Act of Parliament, 31 and 35 Viet, £40, £20, £30, and the best per center of \$100 and upwards the per center of \$100 and upwards the per center of \$100 and upwards of £300,000 (which is entitled to divided only the upwards of £300,000 are paid up.

The whole of the share capital, £230,000 (which is entitled to divided only the upwards of £300,000 are paid up.

The works are in a very forward state, and the line will shortly be opened by public traffic.

The works are in a very forward state, and the line will shortly be opened by the first public traffic.

The works are in a very forward state, and the line will shortly be opend to public traffic.

The existing line, opened and in work, is 60 miles in length, and the extension. But his about 50 miles, making a total of 92 miles.

Special advantages are secured to the extension capital by the terms of the state of Parliament, under which the existing line is charged, not only with the payment of its own working expenses, but also with the working expenses of the extension line, and (together with the extension line) with an annual charge of the extension line, and (together with the extension line) with an annual charge of the extension between the expenses of the extension line are, therefore, available conject to above) for payment, in priority to all other interest or dividend, of the liness at amounts to 6000. Per annu n only, or less than 5/, per mile per week, while the amounts to 6000. Per annu n only, or less than 5/, per mile per week.

Applications, accompanied by a deposit of 10/, per cent. on the amount of decime states of the extension behavior of the extension decime to the bankers. Messrs. Robartes, Lubbock and Co., 16, London: Stuckey's Banking Company, Ghastonbury; or to the managed director, at the London offices of the company, 16, Parliament at, Westminser, 5/8.

The deleture stock will be registered in the names of the applicant free expense.

Are decently a series of the deposit will be forthwith returned in full.

If no allotment is made, the deposit will be forthwith returned in full.

The interest at 5 per cent. commences from the date of payment of the most other credit of the company, and is payable half yearly in London in the most of April and October.

CHARLES WARING, Chairman.

ROBERT A. READ, Managing Director.

London Offices, 16, Parliament street, Westminster, S.W., Sept. 12, 1873.

M ESSRS. MASON, SONS, AND KNIGHT,

18, NEW BRIDGE STREET, LONDON, E.C.,

MINING AGENTS AND FINANCIERS.

Mining Business of every description transacted.

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STOCK AND SHARE BROKERS,
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Every information respecting Railways, British and Foreign Stocks, Mines, &
will be furnished free by pest or on application.
Bankers: Alliance Bank.

MESSRS. HARLAND AND CO., STOCK AND SHARE DEALERS, 225 GRESHAM HOUSE, LONDON, E.C., Transact business in every description of Stocks and Shares at net prices, and fee

of commission.

Shares recommended for early investment:—Clee Hill Colliery, Denbighsin, St. Liverence Amalgamated, Penstruthal, Maughold-Head, West Timeralis, St. Liverence Amalgamated, Penstruthal, Maughold-Head, West Timeralis, Tankerville, Roman Gravels, &c.—Special advice given as to Foreign Mine. Timeralis, Time

M R. R. PERCY ROBERTS,

MESSRS. GROSVENOR AND CO.. SHAREBROKES, 88, PORTLAND STREET, MANCHESTER, beg to inform the deed and the public in general that they have for side a few shares in each of sead most promising Progressive Mines, which they fearlessly assert will shortly remoin investors enormous profits on a small outlay and at a nominal risk.

M R. CHARLES F. COLLOM,
MINING ENGINEER, INSPECTOR OF MINES, &c.
TAVISTOCK.
MANAGEMENT OF THE SOUTH DEVON FIRE CLAY COMPANY.

Patentee of COLLOM'S PATENT REVOLVING FRAME for DRESSINGTIX, AMALGAMATING GOLD, &c. INVESTMENTS IN MINES ARRANGED FOR CAPITALISTS.

M R. J. S. M E R R R AND ANALTTICAL CHEMIST,

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39. SOUTH CASTLE STREET, LIVERPOOL,
Beg to inform their CLIENTS and the PUBLIC that they are PREPARED to to
BUSINESS in ALL CLASSES Of MINING SHARES—English, Foreign, and
Colonial—at the closest market prices.

M ESSRS. CAMERON AND CO., FINANCIAL AGENTS AND SHARE BROKERS, BRIDGE STREET CHAMBERS, CHESTER.

A R D E N A N D MINING ENGINEERS AND EXPERTS
(Late of England),
430, WALNUT STREET, PHILADELPHIA, U.S.

OHN PHILLIPS, C.E., MINE SURVEYOR, DRAUGHTSMAN, REPORTER, CONSULTING MINING and MECHANICAL ENGINEES, PIONEER and SUFERVISOR OF GENERAL MINING OPERATIONS, FEW-TICAL GEOLOGIST, and MINERAL EXPLORER for STAPLE MINING INVESTMENT.

He surveys to firigation and drainage of runs and estates, water storage, 1008, &c., in any part of the colony. He is open to engage in tin streaming, in mining burning, smelting, refining, melting, and tin assaying, with all their details equipment. His Tin Ready Reschoner is unexceeded in facilitating transciss with the tin miners and dealers. The tin sluicing arrangement, as used by in the property of the colonies. As hydraiz engineer Mr. Phillips engages in the application of water wheels, water pages, water trans, water turbines, wind and tide wheels for raising water, or other wit. As he is often from home, orders addressed to Mr. John Phillips, C.E., Safford House, Globe road, Sydney, will receive due attention.

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11-Talargoch					6	*****	Walker, Parker, & Co.
- ditto					- 5	STATES	ditto
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- ditto	2	*******	10	5	0		ditto
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# The Companies Acts, 1862 and 1867.

BY THE MATTER OF THE PACIFIC MINING COMPANY (LIMITED). OTHE SHALL AND THE PACIFIC MINING COMPANY (LIMITED).

LIMITED, Messrs, ALFRED GOOD, CUTHIBERT CUTTLE, and W. LIMITED PREPARED to RECEIVE STREET CUTTLE, and W. WILL ADVIDATORS OF THE PACIFIC MINING COMPANY WILL LIQUIDATORS OF THE PACIFIC MINING COMPANY WILL LIGHTED, Messrs, ALERED GOOD, CUTHIBERT CULTIS, and WM. JOHN (LIMITED), MESSRS, ALERED GOOD, CUTHIBERT CULTIS, and WM. JOHN (SWIN), are PREPARED to RECEIVE TENDERS for the PURCHASE of FISHON, as a strate of the ALDIDA SILVEN STATES of America, and also of the MATTACOM MILL, asia, in the United States of America, and also of the MATTACOM MILL, asia, in the United States of America, and also of the MATTACOM MILL, asia, in the United States of America, and the silve the MOLE of the valuable ENGINES, PLANT, MACHINERY, edit with the WHOLE of the valuable ENGINES, PLANT, MACHINERY, edit with the WHOLE of the valuable ENGINES, PLANT, MACHINERY, edit with the WHOLE of the valuable ENGINES, PLANT, MACHINERY, edit with the WHOLE of the valuable ENGINES, PLANT, MACHINERY, edit with the WHOLE of the valuable ENGINES, PLANT, MACHINERY, edit with the WHOLE of the valuable ENGINES, PLANT, MACHINERY, edit with the WHOLE of the valuable ENGINES, PLANT, MACHINERY, edit with the WHOLE of the valuable ENGINES, PLANT, MACHINERY, edit with the WHOLE of the valuable ENGINES, PLANT, MACHINERY, edit with the WHOLE of the valuable ENGINES, PLANT, MACHINERY, edit with the WHOLE of the valuable ENGINES, PLANT, MACHINERY, edit with the WHOLE of the valuable ENGINES, PLANT, MACHINERY, edit with the WHOLE of the valuable ENGINES, PLANT, MACHINERY, edit with the WHOLE of the valuable ENGINES, PLANT, MACHINERY, edit with the whole of the valuable ENGINES, PLANT, MACHINERY, edit with the whole of the valuable ENGINES, PLANT, MACHINERY, edit with the whole of the valuable ENGINES, PLANT, MACHINERY, edit with the whole of the valuable ENGINES, PLANT, MACHINERY, edit with the whole of the valuable ENGINES, PLANT, MACHINERY, edit with the whole of the valuable ENGINES, plant whole of the valuable endit with the whole of the valuable endit when the valuable endit when the valuable endit white endit when the valuable endit when the valuable endit when th

# SOUTH STAFFORDSHIRE MINES DRAINAGE.

SOUTH STAFFORDSHIRE MINES DRAINAGE.

ILLE COMMISSIONERS, acting under the South Staffordshire
Jimes Drainage Act, 1873, are prepared to APPOINT THREE ARBITRAJimes Drainage Act, 1873, are prepared to APPOINT THREE ARBITRAJose of whom must be a Barrister of not less than seven years' standing, and
selies must surveyors acquainted with Mining Operations, but having no
selies must arbitrators are defined by the Act,
the duties of arbitrators are defined by the Act,
to the duties of the duties of the Arbitrators are defined by the Act,
sofile, and all requisite assistance will be provided by the Commissioners,
sofile, and all requisite assistance will be provided by the Commissioners.

H. UNDERHILL | Law Clerks to the Commissioners. mpton, Sept. 1, 1873.

# TO ENGINEERS AND IRONFOUNDERS.

WALLASEY LOCAL BOARD are prepared to receive MALLASEY LOCAL BOARD are prepared to receive MDERS for the SUPPLY and ERECTION of a STEAM ENGINE, and PUMPS, capable of lifting 30,000 gallons of water 200 feet high

the specification, together with forms of tender, may be had on appli-the Engineer (fl. H. Harris, Esq.), at the Waterworks, Great Float ead. for will be required to enter into a bond with approved sureties, for mance of the contract, which contract and bond will be prepared at

ractor. sset to the "Chairman of the Gas and Water Committee," for Steam Engine," &c., to be left at my office, Church Birkenhead, before Three o'clock in the alternoon of Wed

instant.
I be received unless made in the prescribed form, and the Board delives to accept the lowest or any tender.
By order,
T. SOMERVILLE JONES, Clerk to the Board.
Egremont, September 4, 1873.

TENDERS FOR ENGINES, PUMPS, &c.

TENDERS FOR ENGINEES, PUMPS, &c.

IE DIRECTORS of the WELSH STEAM COAL COLLIERIES

(IMITED) are desirous of RECEIVING TENDERS (with Plans and

Readons) for the following PLANT, vi.:—

Readons) for the

o, of 50 fms. 5 and CASE, H piece, and clacks. of PUMPS, 15 in. buckets and clacks, and 17 in. pipes

ble cylinder direct action high pressure horizontal WINDING 5 ft duums for flat steel ropes, steam brake, indicator, and all cents; and with temporary second motion winding gear to one ong purposes (or a compound winding engine of similar power

BOILERS, of about 10 tons each.
Larse power PORTABLE ENGINE, with 6 ft. belt wheel.
Larse, apply at once to HORT, HUXHAM, Esq., Consulting Engineer

rs may be sent.
not bind themselves to accept the lowest or any tender.

# TENDERS FOR SINKING PITS.

DIRECTORS of the WELSH STEAM COAL COLLIERIES MITED) are desirons of RECEIVING TENDERS for SINKING TWO 18 ft, diameter, a depth of about TWO HUNDRED YARDS, and the intended pits is about half way between the Resolven and Aber-

intended pits is amount in your years.

Weath Railway.

are, apply at once to Hour, HUXHAM, Esq., Consulting Engineer, tenders may be sent.

tors do not bind themselves to accept the lowest or any tender.

IMPORTANT TO QUARRY PROPRIETORS.

EXCELLENT SLATE QUARRY in NORTH WALES is TO BE LET, with all MATERIALS ready for work, and PRODUCING very 1008 SLATES. Guranted to give a clear profit of 7% per cent. see particulars can be had on application to "X. X.," at Mr. Charles A. Spiritor, Carnarvon, North Wales.

# MINING INVESTMENTS

WATER POWER v. STEAM POWER.
BETTELEY begs to call the attention of Investors to
everal VALUABLE TIN MINES now working by water power, which
event low price of shares cannot fail to well repay an investment. Partiplace, Plymouth

R. HENRY BOLLOND (the Receiver in a Suit of Paul z. the Spanish Zine Company, Limited), is prepared to RECEIVE OFFERS for MLE of the ZINC AND CALAMINE MINES belonging to the company, this the newinee of SANTANDER, in SPAIN, and of the MACHINERY,

and other assets of the company.
to be addressed to the Receiver, at his office, 10, South John
on or before the 27th day of September instant,
ticulars, apply to Mr. ROBERT JAMES JONES, 5, Harrington
and Mr. ARTHUR S. MATHER, 4, Harrington street, Liverpool

O Y A L S C H O O L O F M I N E S.

DEPARTMENT OF SCIENCE AND ART

Getober, the following COURSES OF LECTURES AND PRACTICAL
STRATIONS will be given:

PROFESSIONAL STATES AND PRACTICAL

CHEMISTRY OF THE PROPERTY OF THE PROP

SSTRATIONS will be given:

HEMISTRY

BY E. FRANKLAND, Ph.D., F.R.S.

METALURGY

BY JOHN PERCY, M.D., F.R.S.

MINING

MINING

SOLUTION

BY H. H. HYKLEY, LL.D., F.R.S.

MINING

SOLUTION

BY A. C. RAMSAY, LL.D., F.R.S.

BY H. M. GOODEVE, M.A.

BY F.M. GOODEVE, M.A.

BY FEBERRICK GUTHBIE, Ph.D., F.R.S.

MECHANICAL DRAWING. BY Rev. J. H. EDGAR, M.A.

For for Students desirous of becoming Associates is £50 in one yum, on en

HANICAL DRAWING. By Rev. J. H. EDGAR, M.A. or Students desirous of becoming Associates is £20 in one sum, on enso annual payments of £20, exclusive of the Laboratories.

The received in the Chemical Laboratory, under the direction of Dr. and in the Metallurgical Laboratory, under the direction of Dr. Percy. Interies will be re-opened on October 1st. separate Courses of Lectures are issued at £3 and £4 each. It was a service, Her Majesty's Consuls, Acting Mining Agents as may obtain tickets at reduced prices. Suchers are also admitted to the Lectures at reduced fees. Highness the Prince of Wales grants Two Scholarships, and several also been established by Government.

The Majestra Reek's Registrar. By order of the Lords of the Committee of Council on Education, the Varder of the Lords of the Committee of Council on Education, the Varder of the Lords of the Committee of Council on Education, the

the Annual Release, account order of the Lords of the Committee of Council on Education of the Chemistry, Physics, Applied Mechanics, and Natural History is New Buildings, in the Exhibition-road, South Kensington.

WO COURSES OF LECTURES ON GEOLOGICAL MINERALOGY will be given at KING'S COLLEGE, LONDON, by Prop. IN ANT, to which the public are admitted on paying the College fees. One is given on Wednesday and Friday mornings, from Nine to Ten o'clock, coming on Wednesday, oct. 8, and terminating at Easter, 1874. The other course from on Thursday evenings from Eight to Nine, commencing Oct. 9. The more are illustrated by a very extensive collection of specimens. 3.5, at his residence, 149. Strand, W.C.

# MINING MACHINERY.

ESSES. F. W. MICHELL AND CO. have FOR SALE several CORNISH PUMPING, STAMPING, and WINDING ENGINES, of difficulties BOLLERS from 6 to 12 tons each: PITWORK of all sizes: CORNISH \*\* BOILERS from 6 to 12 tons each: PITWORK of all sizes: CORNISI IRS: STAM PAXLES: IRON FLAT-RODS; STRAPPING PLATES MATERIALS in general use in Mines, &c.

EAST CARN BREA, REDRUTH, CORNWALL.

70-inch CORNISH PUMPING ENGINE. 70-inch. CORNISH PUMPING ENGINE.

OR SALE, a FIRST-CLASS 70-inch. PUMPING ENGINE,
10 It. tstocke in cylinder and 10 ft. in shaft, with 2-12 ton BOILERS.

Apply to F. W. MICHELL and Co., East Carn Brea, Redruth, Cornwall.

X SALE, an 80 in. CORNISH PUMPING ENGINE.

Apply, "X. Y. Z.," MINING JOURNAL Office, 26, Fleet-street, London.

WATTS, VATTS, RICHARDS, AND CO.

PITWOOD MERCHANTS,

ENNER WHARF, NEWPORT, MONMOUTHSHIRE,

AND 11, BUTE CRESCENT, CARDIFF.

Importers of every description of wood for colliery purposes

## THE POLDICE MINES, ST. DAY. IMPORTANT SALE OF VALUABLE MINING MACHINERY, PITWORK, AND MATERIALS.

MESSRS. JOHNS AND CLYMA respectfully announce that they have received instructions to submit to SALE, BY PUBLIC AUCTION, on Monday, 15th day of September next, and following day, at Eleven for Twelve o'clock in the forenoon of each day precisely, at the Poldice Mines, St. Day, in the parish of Gwennap, the WHOLE of the VALUABLE and EXTENSIVE MINING MACHINERY, PITWORK, AND MATERIALS

in the parish of Gwennap, the WHOLE of the VaLUABLE and EXTENSIVE

MINING MACHINERY, PITWORK, AND MATERIALS

thereon, consisting of—
ONE 55 in. new cylinder PUMPING ENGINE, 9-ft. stroke in shaft, and 10-ft. in cylinder, with THREE new BOILERS, and first piece MAIN ROD.
ONE 50 in. cylinder PUMPING ENGINE, 9 ft. stroke in shaft, and 10-ft. in cylinder, with FIVE BOILERS, and first piece MAIN ROD.
ONE 55 in. cylinder PUMPING ENGINE, 9 ft. stroke in shaft, and 9-ft. in cylinder, with THREE BOILERS, and first piece MAIN ROD.
ONE 25 in. WINDING ENGINE, 9 ft. stroke, equal beam, with STEAM CAPSTAN attached, and ONE II to no BOILER and FITTINGS, complete.
ONE 25-in. WINDING ENGINE, 3/5-ft. stroke in crank, and 5-ft. in cylinder, with CRUSHEF attached, and ONE ENGINE, 3/5-ft. stroke in crank, and 5-ft. in cylinder, with CRUSHEF attached, and ONE ENGINE, 4-ft. stroke, equal beam, with ONE 3-ton BOILER and FITTINGS, complete.
ONE 15 in. WINDING ENGINE, 4-ft. stroke, equal beam, with ONE 3-ton BOILER and FITTINGS, complete.
New BOILER TUBE, 32-ft. long, by 2-ft. 6-in. diameter.
THREE SHEARS, about 60-ft. high, with pulleys and brasses, complete.
TWO CAPSTANS, with oak axles and centre pieces, complete, nearly new.
TWO 14-in. CAPSTAN ROPES, each about 160-fms. in length.
TWO Cast-iron BOBS and one wood ditto, with gadgeons, brasses, &c., complete.
4-9-ft. 8-in. cart HEAD ROPE, about 200-fms. in length.
TWO Cast-iron BOBS and one wood ditto, with gadgeons, brasses, &c., complete.
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4-9-ft. 8-in. cart HEAD ROPE, about 200-fms. in length.
TWO cast-iron BOBS and one wood ditto, with gadgeons, brasses, &c., complete.
4-9-ft. 8-in. cart Head ROPE, about 200-fms. in length.

1-10-ft. 12-in. ditto.

1 9-ft. 19-in. ditto.
1 6-in. H and top doorpiece.
1 8 in. ditto.
2 10-ft. 19-in. ditto.
3 17-in. ditto.
1 17-in. ditto.
1 19-in. ditto, tito.
1 19-in. ditto, tito.
1 19-in. ditto, tito.
1 19-in. ditto, tito.
1 19-in. ditto, with brass brush.
1 19-in. ditto, with brass brush.
1 19-in. ditto, tito.
1 19-in. ditto, tito.
1 19-in. ditto, tito.
1 19-in. ditto, tito.
1 19-in. ditto, with brass brush, various sizes; a large number of faggotted iron red plates, from 5 in. to 8 in.; strapping plates; 10 plunger poles, various sizes; pitch pine and other main rods; shaft tackle; shaft rolls; pulleys and stands; clack seatings and doors; staples and glands; bucket rods; prongs and joints; yokes and bolts; flauge and door rings; flauge pins; rod pins; botts and burrs; wrapping bends; large treble blocks; fire whim kibbles; tram road; tram road iron; shaft gigs; 2 flat thread lifting jacks; 2 crab winches; checks and eyes; turning lathe, in good condition; wood launders; air pipes; a large quantity of excellent chain, various sizes; a prime lot of smiths' tools; 2 smiths bellows; anvils; a large quantity of useful timber, suitable for builders and others; and a numerous assortment of other materials and effects in general use in mines.
The auctioneers would eal the particular attention of mine agents and others to the above very valuable materials, the whole of which will be found in first rate condition, and nearly new, having been very recently purchased. The mine being situated within one and a half mile of the Scorrier Station, on the West Cornwall Railway, and the roads to the mine being good and convenient, every facility for the removal of purchases either by railway or land carriage.

Lunchen at Elevan o clock precisely.
To view the above, and for further information, application should be made to Capt. Coxe, on the mine, or to the Auctioneers, Truro, of whom catalogues may

# IN LIQUIDATION.

MINERAL ESTATE, CUMBERLAND, about 10 miles from Alston Station, and 30 miles from Haltwhistle.

M ESSRS. JEFFERY, HARVEY, AND DAVIDS WILL SELL,
BY AUCTION, at the Auction Mart, Tokenhouse-yard, London, on
Wednesday, September 17th, 1873, at One o'clock precisely, the GRANT of a
VALUABLE LEAD MINE, distinguished as the

NALUABLE LEAD MINE, distinguished as the

NETHER HEARTH LEAD MINE,

ALSTON, CUMBERLAND, extending over an area of about 138 acres, and comprising SEVERAL RICH LODES, together with WORKSHOPS, COTTAGES,

MANAGERS HOUSE, and all other PLANT and MACHINERY on the property.

Particulars, plans, and conditions may be obtained of Messrs. Leahoyd and

Leahoyn, 11, South-street, Finsbury, E.C.; at the various Inns in the neighbourhood; at the Mart: and of Messrs. Lefferry, Harvey, and Davids, 126, Bishops
gate street, Cornhill, and Bessborough Gardens, S.W.

# THE FLORENCE TIN MINES, PERRANUTHNOE.

MR. R. H. CADE WILL SELL, BY PUBLIC AUCTION (by rder of the Liquidators), on Thursday, the leth day of September inst. ing at Twelve o'clock precisely, at the Fiorence Tin Mines, in the parisi otthnoe, the said MINES and all the MACHINERY and MATERIALS

of Perranutinoe, the said MINES and all the MACHINERY and MALERIALS, symprising sylinder PUMPING ENGINE, with TWO BOILERS, II tons each. ONE 70 in. cylinder PUMPING and STAMPING ENGINE, with ONE BOILER, 10 tons.

ONE 20 horse power PORTABLE ENGINE.

The pitwork, calciner, dressing materials, assaying tools, account-house fursiture, &c., &c.

The whole of the above will be disposed of in One Lot.

For further particulars apply to Capt. Johns, on the Mines; Mr. R. H. Cadr., Auctioneer, Mencage street, Helston; or to—

Sept. 6, 1873. Messrs. GRYLLS, HILL, AND HILL, Solicitors, Helston.

CORNWALL.-In the Parliamentary Borough of BODMIN.

# VALUABLE FREEHOLD ESTATES,

VALUABLE FREEHOLD ESTATES, AND MINERAL PROPERTIES, FIELD, AND DWELLING HOUSE.

MESSRS. PHILP AND CO. respectfully announce instructions from the Executors of the late Dr. Michell to SELL, BY AUCTION, on Thursday, September 25, 1873, at Three colock in the afternoon, at the Lonivet Inn, Lonivet Churchtown, near Bodmin, TWO EXCELLENT ESTATES, FIELD, and DWELLING HOUSE, as follows:
All that FREEHOLD ESTATE or FARM, in Lanivet aforesaid, now occupied by Mr. Wim. Marshall, under a lease for 14 years, from Michaelmas, 1872, at the low rent of 280 10s. This important estate is 2½ miles from Bodmin, the county town of Cornwall, and contains upwards of 55 acres, and all necessary buildings. The turnpike to Truo and St. Austell skirts the south west boundary. Mineral lodes are supposed to abound in the estate, and several mining setts to work the same have been applied for. The famous tin works of Wheal Prosper, and others are in the vicinity thereof.

Also the FREEHOLD FIELD partly intersecting the above containing 3 A 3 and 3 and

same have been applied for. The famous tin works of Wheal Prosper, and others are in the vicinity thereof.

Also the FREEHOLD FIELD partly intersecting the above, containing 3 A. 3 R.
39 P., occupied by Mr. Robert Nik, at 26

Also, in One or Four Lots, the FEE SIMPLE IN REVERSION of the fertile FARM, called LAMORRICK, containing 27 A. 3 R. 19 P., occupied by Mr. Richard Phillips, at 244, subject to a lease for 99 years, determinable on two lives, aged about 71 and 72; convertionary rent, 23 17s.

Also the FEE SIMPLE IN REVERSION of the DWELLING HOUSE in Honey-street, Bodmin, occupied by Miss Philp, and held under a lease for 999 years, at the annual rent of £7.

The respective tenants will show the lots, and particulars of same may be obtained at the place of sale; the principal hotels in the neighbourhood; of Messrs. PHILP and Co., Estate Agents, Auctioneers, and Valuers, Bodmin and St. Austell; or of Dated Sept. 5, 1873. Messrs. COMMINS AND SON, Solicitors, Bodmin.

# VALUABLE IRON ORE MINE IN DEVONSHIRE.

M ESSRS. EDWIN FOX AND BOUSFIELD have received instructions TO SELL, BY AUCTION, at the Mart, on Wednesday, the of October, 1873, a FREEHOLD CLOSE of LAND, known as GREAT FURZEHAM,

GREAT FURDELLAM,
Situate within half a mile of the port of Brixham, in Devon, containing about
SEVEN ACRES, under which a VALUABLE DEPOSIT of IRON ORE has been
proved to exist. The ore is of the description known as Brown Hematite, and contains from 40 to 45 per cent. of iron, which can be put into the South Wakes market,
freight and all other charges included, for 7s. 8d. per ton, and the value delivered
there is 18s. por ton.

ere is 18s. per ton.
Particulars may be obtained of Messrs. Johnston and Mounsey, Solicitors
Raymond's-buildings, Gray's Inn: at the Mart; and of Messrs. EDWIN For
d BOUSFIELD, 24, Gresham-street, Bank, E.C.

# TO CAPITALISTS.

HIGHLY IMPORTANT FREEHOLD ESTATE, over NINE HUNDRED AND FIFTY ACRES in extent, situated in the parishes of TAMWORTH and POLES-WORTH, in the county of WARWICK: with the VALUABLE MINES AND MINERALS thereunder; and a small FREEHOLD ESTATE, at WILNECOTE in the same county. The WHOLE of the ESTATES extending to nearly ONE THOUSAND ACRES.

MESSRS. CHESSHIRE AND GIBSON have received instructions to prepare FOR SALE, BY PUBLIC AUCTION (unless previously disposed of by Private Contract), during the ensuing autumn, of which due notice will be given, all that very valuable and improving PROPERTY, known as—

"THE HALL END ESTATE," and "THE WILNECOTE ESTATE." For further particulars, apply to Herbert H. Walford, Esq., 27, Bolton street, Piccadilly, London; Mr. Henny Lakin, Land Agent, Malvern; or of the Auctioneers, 93, New street, Birmingham.

SOUTH FOWEY CONSOLS MINE.

NEAR PAR STATION.

TO BE SOLD, BY PRIVATE CONTRACT, AN EXCELLENT WATER-WHEEL, 40 ft. by 5 ft., with east-iron axle, ring, and sockets, complete, with 4 ft. crank attached: shaft, logging, and counter balance bobs, with about 29 fms. of 2½ in. iron rods; pulleys and stands; 8 arm capstan and shears; 31 13 in. and 10 in. pumps; 3 11 in., 9 in., and 8 in. matchings; 3 12 in., 11 in., and 8 in. dorpieces; 312 in., 10 in., and 8 in. dorpieces; 312 in., and 10 in. main rods, with caps, side plates, and rod plates; about 50 fms. 1½ in. bucket rods; with other useful materials and timber—the whole being in excellent condition, and as good as new.

ondition, and as good as new. For particulars and price, apply to Captain Puckey, St. Blazey.

# WARWICKSHIRE.

# VALUABLE CEMENT AND LIME WORKS.

VALUABLE CEMENT AND LIME WORKS.

EXTENSIVE AND VALUABLE QUARRIES OF PORTLAND CEMENT AND BLUE LIAS LIME, with the TWO MANUFACTORIES, OFFIES, STEAM ENGINES, GRINDING MILLS, drying and other sheds, counting house and cottages for foremen, kilns, sidings, plant, coopers' and black-smiths' shops, and other buildings necessary for an extensive business, situate respectively in the parishes of BILTON and NEWBOLD-UPON-AVON, both in the county of WARWICK, and about one mile from the town of Rugby, and known as

# THE RUGBY AND NEWBOLD PORTLAND CEMENT,

# THE NEWBOLD LIME WORKS,

THE NEWBOLD LIME WORKS,

The whole comprising about TWENTY-SEVEN ACRES of LAND, with the right of working over a considerably larger area at reasonable rents and royalties.

The UNEXPIRED TERM of the LESSE of the above VALUABLE MANUFACTURING PROPERTIES or WORKS, which was granted for 33 years from the lat day of October, 1885, and is twice renewable, thus giving altogether about 90 years unexpired, WILL tin consequence of the death of the late proprietor) BE OFFERED FOR SALE, BY PUBLIC AUCTION, by Mr. J. M. Pott, at the George Hotel, Rughy, on Friday, the 17th day of October, 1873, at Two for Three oclock in the afternoon precisely, subject to the conditions then produced. These works have been most favourably reported on by Mr. Robert C. May, Civil Engineer, and other gentlemen of eminence.

Leave to inspect the works can be obtained on application to Mr. HALL, the manager.

Leave to inspect the works can be obtained on application to Mr. HALL, the manager.

A copy of the lease will shortly lie for inspection at the office of the Auctioneer, Eldon Chambers, Wheeler-gate, Nottingham; at the Works; and also at the offices of the undermentioned solicitors, where printed particulars, plans, and conditions of sale may then be obtained, viz.—FREDK. FULLER, Esq., Rugby; H. A. OWSTON, Esq., Leicester; Messrs. Sura and Gribble, 12, Abchurch-lane, London, E.C.; G. J. Brownlow, Esq., 34, Bedford-row, London, W.C.; Messrs. New, Prance, and Garrard, Eversham; and Messrs. Warson and Baxter, Lutterworth. Copies of Mr. May's reports and further particulars may be obtained on application to the Auctioner; to Messrs. New, Prance, and Garrard.

General Report of the Auctioner; to Messrs. New, Prance, and Garrard.

Grant of the Auctioner; to Messrs. New, Prance, and Garrard.

Grant of the Auctioner; to Messrs. New, Prance, and Garrard.

# THE CARZISE MINE, CROWAN, CORNWALL.

THE CARZISE MINE, CROWAN, CORNWALL.

TO BE SOLD, BY TENDER, all the CARZISE MINE and MATERIALS. comprising a superior 70 inch PUMPING ENGINE, with THREE GOOD BOILERS of 12 tons each, and iron BALANCE BOB, 13 tons; a 20 in. STEAM WHIM ENGINE, with BOILER, WHIM CAGE, and powerful STEAM CAPSTAN attached; CAPSTAN ROPE and SHEARS; about 50 fms. of 18 in. PITWORK, PLUNGER and DRAWING LIFT BOTTOM, complete; about 30 fms. of 13 in. PITWORK, with DRAWING LIFT BOTTOM, complete; about 30 fms. of 13 in. PITWORK, with DRAWING LIFT BOTTOM, complete; about 30 fms. of undertained by the same may be viewed by applying to the agents on the mine; and for further particulars and inventory of materials apply to Capt. Carkeek; or tow. PAGE CARDOZO, Esq., the purser of the mine, Camborne.

The mine and materials are hereby offered for sale in one lot, by tender, according to the inventory, but the company will not be liable for any error or misdescription therein. The committee will receive tenders on the 18th of September up to Two P.M. on the mine.

No tender will be accepted below the reserved price, which will be stated in a scaled envelope to be opened immediately after the tenders, the highest tender above the reserved price will be accepted.

INVITING TO CAPITALISTS.

# INVITING TO CAPITALISTS.

INVITING TO CAPITALISTS.

TO BE SOLD, in DERBYSHIRE, a good going COLLIERY, now about 350 tons.weekly. The output can be increased double or treble as oon as connection, established in about two months, with branch of Midland Railway. Price £20,600.

TO BE SOLD, an EXTENSIVE COLLIERY ROYALTY, about 600 acres, near BARNSLEY. Upwards of 12 seams of coal untouched, including Silkstone Main and Silkstone Four Feet. Price, £13,500 for the entire, or £4000 for one-third—atter preferred.

Either properties are certain fortunes.

Either properties are certain fortunes.

Apply to Mr. Watson, 16, Fenwick-street, Liverpool.

# TIN AND COPPER MINE.

TIN AND COPPER MINE.

THE LESSEE of an EXTENSIVE and VALAUBLE MINING PROPERTY, situate in one of the best mineral producing districts in the county of CORNWALL, seeks the ASSISTANCE of an INFLUENTIAL GEN TLEMAN in FORMING a COMPANY to WORK the same. Several large lodes containing mineral near the surface have been discovered; one of these lodes has been wrought on to a shallow depth, and tin returned from it of the value of about £20,000 stering, when the price was from 30 to 50 per cent. less than it is now. This lode drained, an immense quantity of tinstuff would be available for stamping, and monthly returns of tin could be regularly made.

The property adjoins mines which have paid the adventurers immense profits, and has the advantage of being near a see port.

For further particulars, and reports from the most eminent mining authorities, apply to Mr. E. Pearice, Biscovey, Par Station, Cornwall.

SLATE QUARRIES TO LET in the NORTH OF ENGLAND, producing what is known to the trade as Westmoreland Slates of good lity and durability.

or further particulars, apply to Messrs. W. and T. Postlethwaite, Broughton-urness, Lancashire.

SPLENDID OPPORTUNITY FOR SMALL CAPITALISTS. FOR SALE, a FREEHOLD BEST FIRE-CLAY and TERRA-COTTA WORKS, complete, with nearly new PLANT for GRINDING and WORKING the CLAY. STEAM ENGINE, DRYING SHEDS, KILNS, &c., capable of producing 21,000 bricks weekly. It is situated in the midst of other flourishing like works, with coal at low figures, and has rail and water accommo-lation on the site itself. The clay produces the most superior white-facing bricks, prannental terra cotta works, &c. With £300 an energetic man can here make a remaine fortune.

FINE OPPORTUNITY FOR MAKING A FORTUNE.

TO BE SOLD, PART or ENTIRE (former preferred) of a collibration of the sear containing the best description of Cannel. There are six other seams of good coal (the first being King Coal, only 14 yards under it) known to be beneath this seam. Its situation being half a mile from a railway station, and also admirably adapted for lind sale, close to excellent roads, the working expenses, royalty, rent, and outlay small for a probable get in a few weeks of 400 tons daily at an almost fabulous profit, render the present undertaking one well worthy the immediate attention of capitalists, coal dealers, gas manufacturers, or colliery proprietors.

Address, "Q. E. D.," care of Mr. Watson, 15, Fenwick-street, Liverpool.

RARE OPPORTUNITY FOR MAKING A FORTUNE.

RARE OPPORTUNITY FOR MAKING A FORTUNE.

TO BE SOLD, PART or ENTIRE (former preferred) of a COLLIERY ROYALTY in NORTH WALES, bordering on the London and North-Western Railway, and close to a shipping port. There are several shafts partially sunk, some requiring to be sunk still deeper, but operations stopped for want of capital. There are four seams of good house and steam coal proved in an area upwards of 400 acres of surface. Holder will sell the entire, including the present plant (not sufficiently powerful for sinking further) for £4000, but would prefer taking a PARTNER, who would advance the necessary capital for half profits, which in the present state of the coal trade are almost fabulous.

Address, "Vulcan," care of Mr. Watson, 15, Fenwick-street, Liverpool.

# LEAD MINES IN THE COUNTIES OF DURHAM AND NORTHUMPERLAND.

TO BE LET, ON LEASE, with immediate possession, the HUNSTANWORTH AND NEW BIGGIN ROYALTIES the former abou 534 acres and the latter 200 acres, or thereabouts.

The Hunstanworth Royalty adjoins the celebrated W.B. Lead Mines, and has or many years yielded large quantities of lead ore, and much of the ground is unserlored.

developed.

For particulars, apply to JOSEPA DODDS, Esq., M.P., No. 4, Spring-gar
Charing-cross, London, S.W., and Stockton-on-Tees; or Mr. THOMAS J. BEV
C.E., No. 4, Queen-square, London, S.W., and Haydon Bridge, Northumber

OR SALE (ready for delivery), a high-class 18-horse power PORTABLE STEAM ENGINE, with reversing gear, suitable for winding,

pumping, &c.
Also, a 25-horse power, with or without PIT WINDING GEAR.
FOR SALE, SEVERAL SECONDHAND PORTABLES, with NEW MORTAR
MILLS, 5 to 9-feet pans. to 9-feet pans. nbined VERTICAL ENGINES and MILLS for GRINDING SLAG Also, compined VERALLA.

SAND, &c.

BARROWS AND STEWART, ENGINEERS, BANBURY.

HORIZONTAL ENGINE 0 N131/2 in. cylinder, 30 in. stroke; with governors, pump, fly wheel, com-JOHN MOORE, 40, LLOYD STREET, MANCHESTER.

HORIZONTAL ENGINES, of most approved construction, from 8 to 60 in. cylinder, for WINDING AND GENERAL PURPOSES.

Some good secondhand HORIZONTAL ENGINES ON SALE, single and in pairs, from 14 inches to 20 inches cylinders, suitable for winding, &c. GOOD pairs, from 14 inches to 20 inches types BOILERS of all sizes.

CREASE AND CO., 39, CONGREVE STREET, BIRMINGHAM.

ORIZONTAL WINDING ENGINE, 12½ in. cylinder, 30 in. stroke, slot-link reversing motion, and 6 ft. drum.

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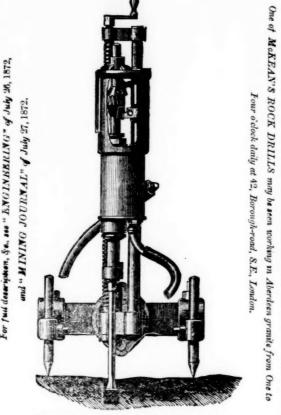






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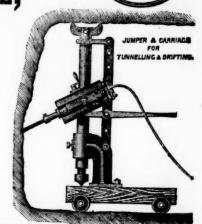
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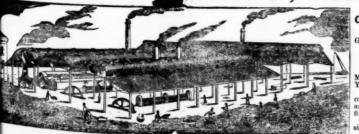
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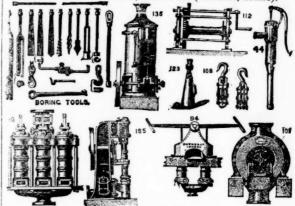
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BRITI	SH DI	VID	END	MINES				
Shares. Mines.	Paid.			Clos. F		al dirs. I	Per share. Las	t paid
1500 Alderley Edge, c, Cheshire*					11	11 8	0 5 0Apr.	1873
20000 Allt.v.Crib. I Talybout*	. 2 0 0				(	0 6	0 0 6Feb.	1873
30000 Bampfylde, c, i, mn., Devon* 5500 Blaen Caelan, s-l, Cardigan* (£4 sh	. 1 0 0		53/4	. 51/4 51/4		2 0	0 2 0June	1873
5500 Blaen Caelan, s-l, Cardigan* (£4 sh	1.) 3 10 0			, ,		10 9		1071
18000 Foscaswell Downs, t, c, St. Just	. 3 0 0		- "	00 100		5 6	0 2 0Oct.	1871
18:00 Foscaswell Downs, t, c, St. Just * 200 Botallack, t, c, St. Just * 500 Bronfloyd, *†s-i,(£3000 Deb. B.Sp.ct.	. 101 5 0		90			15 0	5 0 0Aug. 2 0 0Jan.	1879
500 Bronfloyd, *ts-1, (£3000 Deb. B. Sp. ct.	) 100 0 0			•	110	8.6	0 4 0Mar.	1873
4000 Brookwood, c, Buckfastleigh	1 16 0	***	1 24	11/4 17/4	4	18 3	0 12 6Oct.	1872
6400 Cashwell, I, Cumberland*	2 10 0				1	4 0	0 4 0Aug.	1872
7500 Castle-an-Dinas, t, St. Columb*			156			10 0	0 2 0 July	1873
1000 Carp Brea c & Illogant	35 0 0		100		806	0 0	2 0 0 July	1873
1000 Carn Brea, c, t, Illogant	h 5 00	***	-		6	7 6	0 7 6June	1873
2450 Cook's Kitchen, t, Illogant	19 14 9	***	18	16% 17%	11	17 0	0 7 6Jan.	1878
10240 Devon Gt. Consols, c, Tavistock *	0 12 0		2	11/6 3	116	10 0	0 12 0 May	10,2
A2806 Dolecath, c. 7, Camoorne	AU LE AU			51 53	103	1 8	0 15 0Aug.	1873
					14	19 0	0 0 5Aug. 0 2 0Oct.	1872
6144 Fast Caradon, c, St. Cleert	2 14 6 32 0 0			1% 1%	913	10 0	1 0 0Apr.	
360 East Darren, t, Cardiganshire	0 9 9		7	7.8	13	11 3	0 2 6May	1873
6400 Fast Pool, t, c, Illogan					0			
2800 Fordale / Isle of Man*†	25 0 0				80	15 0	0 10 0 Sept.	1872
2800 Foxdale, /, Isle of Man*† 3950 Gawton, c, Tavistock	3 10 6		136	1 134	0		0 5 0 May	1872
470 100 (4) 14 400 W CHIM., C. 100,000 ELD., 10,00	O 400. P. J	***	1/8	2% 2%	0	3 10.	0 3 0Jan.	1873
15000 Great Laxev, t, Isle of Man			15%	14% 15%	16	1 0	0 10 0June	1873
25000 Great West Van, /, Cardigan*	2 0 0		1%	1% 1% 3% 3%	0		0 1 0Sept.	1873
5908 Great Wheal Vor, t, c, Helstont	40 0 0	***	354	3% 3%		19 6	0 2 8June	1012
6400 Green Hurth, I, Durham*	0 6 0		514		62		0 4 0Aug. 0 15 0Oct.	1010
1024 Herodsfoot, I, near Liskeardt	8 10 0		136					AUGH
18000 Hingston Downs, c, Calstock*† (£1	1 0 0	***	78	0 074		3 1134		1873
25000 Killaloe, sl, Tipperary	1 0 0	***	1	% 1	0	2 0		
6000 Killifreth, t, Chacewater	18 15 0	***		/4 -	556	10 0	1 0 0 Mar.	1873
400 Lisburne, l, Cardiganshire  5120 Lovell, t, Wendron	4 0 0	***	6	4.6	0	16 0	0 4 0Aug.	1873
		***	35	321/4 35	63	1 8	0 8 0 Aug.	
20000 Mining Co. of Ireland, cl. c. (*	7 0 0	***	51/4		0	8 0	0 3 6 July	
6400 New Pembroke, t, c, Par Station 12000 North Hendre, l, Wales	5 0 0	***	21/2	2 21/4	0	17 0	0 4 0July	1872
12000 North Hendre, l, Wales	2 10 0	***		7 8	0	5 0	0 2 6June	1871
5694 Pedn-an-drea, f. Redruth	8 2 0	***		2 21/2		18 6	5 0Nov.	1873
5000 Penhalls, t, St. Agnes	3 0 0	***	23/4	2 2/2	39	19 10	0 40 Nov.	1872
6000 Phoenix, t, c, Linkinhorne		***				12 6		1872
18000 Daines Patrick * s./. Holywell	1 0 0	***			0	3 0 6	2 0June	1873
1120 Providence, t, Uny Lelantt	12 6 7	***	9	8 9	104	12 6 (	10 0 . Sept.	1872
12000 Roman Gravels, I, Salop*	7 10 0	***	1956	18 19	3	8 0	8 6July	1873
10000 Shelton, d. t. St. Austell	1 0 0				0	1 0 (	1 0Feb.	1872
6000 Slimeford Dressing, t, Calstock	1 0 0	***				1 1	1 1Sept.	1873
512 South Caradon, c. St. Cleer	1 5 0	***	105	\$5 100	709	0 0 2	2 10 0Aug.	4010
5000 South Carn Brea, c, t, Illogan	1 17 6	4.8.6		3% 3%		10 0 0	2 6July 1 6Nov.	1870
6000 South Darren, I, Cardigan*	3 6 6 38 17 9	***				5 0 0	10 0June	1872
242 Spearne Moor, t, St. Just	10 15 0	***	1014	91/2 101/2	0	10 0	10 0May	1869
940 St. Ives Consols, t, St. Ives 8771 St. Just Amalgamated, t*	3 10 0	***	- /2	0/2 00/2	0	9 0 0	4 0 Nov.	1871 5
12000 Tankarville / Salon	6 0 0		121/	1136 12	3	8 0 (	6 0Feb.	1873
12000 Tankerville, l, Salop*	1 0 0				0	3 0 (	1 6Oct.	1872
6000 Tincroft, c, t, Pool, Illogant	9 0 0		49	46 48	45	3 6 1	0 0 July	1873
	5 15 0	***	7	5 7	9	11 0 0	10 0 Nov.	1873 1
15000 Van. /. Llanidloes*	4 5 0	***	40	38 40	10	7 0 (	16 0June	WO. CO.
3000 W. Chiverton, /, Ferranzabutoe,	27 3 9	***		6 6 14 9 10		10 0 0		1879 1
2048 West Wheal Frances, t, Illogan	27 3 9 5 2 6	***		321/2 35		10 0 1	10 0 Aug.	1872
512 Wheal Basset, c, Illogant	7 14 6	***	6	5 514	0	13 6 0	2 6 Sept.	1872   1
\$179 Wheal Grenville, c, Camborne* 4295 Wheal Kitty, t, St. Agnes	5 4 6	***		1136 13	10	15 6 0	7 6. Aug.	1873 1
god Wheal Margaret, f. Unv Lelant	13 17 6	***	3	111/2 13	82	2 3 0	10 0 May	1872
10000 Wheal Mary, t, St. Dennis*	5 0 0	***	514	5 514	0	1 0 0	1 0Jan.	1873
1024 Wheal Mary Ann, I, Menhenoit'	10 0 0	***			74	5 6 0	2 6. June	1873   1
80 Wheat Owles, 1, St. Just	70 0 0	***			522	10 0 4	0 0Aug.	YOU W
12000 Wheal Russell, c, Tavistock	1 0 0			0.0	0	2 0 0	1 0June	10111
1356 Wheai Seton, t, c, Camborne 15000 Wheal Tregoss, t, Roche	73 0 0		40	35 40	255	15 9 1	0 0 June	9 - 1
15000 Wheal Tregoss, * t, Roche	1 0 0	***	13/2	1 134		1 4 0	1 0. Jan. 0 6. May	EC- 8 +2   -
10000 Wheal Whisper, t, c, Warleggan* 25000 Wicklow, c, sul, i, Wicklow	1 0 0 2 10 0	***	31/4		52	9 0 0	2 6Mar.	
25000 Wicklow, c, suc, t, Wicklow	2 10 0	***	074			- 0 0		

# FOREIGN DIVIDEND MINES.

	2 0 21211	-	-	-			
25000	Alamillos, l, Spain*†	2	0	0	214 2 214		1 1 9 0 2 6Mar. 1873
30000	Almada and Tirito Consol., s*t	1	0			**	0 4 3 0 1 0 . May 1873
20000	Australian, c, South Australiat	7	7	6	-2 11/2 2	***	0 11 6 0 2 0July 1873
10000	Battle Mountain, c, (6240 part pd.)	5	0	0			0 10 0 0 10 0Nov. 1872
15000	Birdseye Creek, g, California*	4	0	0	25% 23% 25%		0 9 0 0 2 0July 1873
6000	Pensterg, I, Germany*	10	0	0		***	0 17 4 0 8 0 July 1873
12390	Burra Burra, * c, So. Australia	5	0	0			56 0 0 0 10 0 . Oct. 1872
20000	Cape Copper Mining, " So. Africa .	7	0	0	2514 251/2 26	6	13 15 0 1 0 0 Sept. 1873
40000	Cedar Creek, g, California	5	0	0	9 13/ 9		0 5 0 0 2 6June 1873
20000	Central American Association*†	0	15	0			0 6 0 0 1 0July 1869
1500	Chicago, s. Utah*	7	0	0	734 7 736	**	0 16 0 0 4 0Sept. 1873
21000	Colorado Terrible, s-/, Colorado*†	5				***	0 8 0 0 2 0Oct. 1871
76162	Don Pedro North del Rey * 1	0					2 5 9 0 2 0 Mar. 1872
23500	Eberhardt and Aurora, s. Nevada"!	10				186	1 0 0 1 0 0July 1871
2352	Eldorado, q. Nova Scotia"	10				***	2 5 0 0 15 0. June 1873
20000	Emma. * q. s. Utah (25,000 fully pd.)	20			354 334 354		3 12 0 0 6 0Dec. 1872
70000	English and Australian, ct S. Aust.	- 2			174 154 175	***	2 7 3 0 2 6 Mar. 1873
15000	Ferguson, g, California*	2	0			ex	0 3 0 0 3 0April 1872
20000	Flagstaff, s, Utah*	10	0 (				4 2 0 0 5 0. July 1873
25000	Fortuna, I. Spain*†	2	0 1		514 514 514		3 14 4 0 5 0 May 1874
20000	Gold Run, hyd	1	0 (		***	***	0 2 4 0 0 4Oet. 1872
68000	Kapunda Mining Co. Australiat	1	3 (			***	0 2 4 0 0 6June 1873
20000	Last Chance, s.* Utah	5	0 (		31/3 27/3 31/3	***	0 14 0 0 2 0 July 1873
15000	Linares, I, Spain*1	3	0 (			181	14 0 10, 0 7 6. Mar. 1873
7837	Lusitanian, Portugal (£5 shares).	3	0 (		134 134 134	***	1 11 6 0 1 6Mar. 1873
15000	Mammoth Copperopolis of Utah, c, s	10	0.6			***	0 5 0 0 5 0 Dec. 1872
5000	Mountain Chief, s. Utah*	10	0 (				0 4 0 0 4 0Jan. 1873 4 0 0 3 0 0July 1873
18000	Prussian Mining & Ironworks, cl, 1.	30	0.0			***	
10000	Pontgibaud, s-i, rrancet	20	0 (		21 19 21	***	13 13 11. 0 19 6. June 1873
100000	Port Phillip, q. Clunes*t	1	0 (		1 3/ 1	**	1 8 0 0 1 0Jan. 1872
44000	Richmond Consols, s, Nevada*t	- 5	0.6			***	0 4 0 0 4 0April 1872
120000	Scottish Australian Mining Co. * 1	1	0 (		154 11/4 11/2	***	8 per cent May 1873
112500	Sierra Butter, q, California*†	2	0 (		31/2 3 51/2		1 4 0 0 2 0June 1873
60000	South Aurora, s. Nevada"	5	0 (			***	0 12 2 0 5 0 June 1871
15000	Sweetland Creek, q, California*†	4	0 (		514 51/8 53/8	***	2 3 0 0 5 0. Sept. 1873
20008	Tolima, q, s* (6000 sh, are £5 f, pd.)	8	0 (			***	0 5 0 0 2 6 Nov. 1872
500	Westphalian, s-1, c, Prussia*	20	0 1	)			26 10 0 5 0 0Dec. 1872

# NON-DIVIDEND FOREIGN MINES.

	NON-DIVIDEND FOREIGN	MI				
Shares.	Mines.	Prii	1.	Last Pr.	Clos. P.	. Last Call.
£0000	Anglo-Argentine, g, s. ** (15 per cent. Preference)	1 0	0	3/4	1/8 3/4	Fully pd.
90000	Angle Australian a Victoria*	2 10	0		, . , .	Sept. 1872
80000	Anglo-Australian, q, Victoria*  Aruba, q, Dutch West Indies*	0 0	0			Fully pd
90000	Australian United, g, Victoria*†	2 10	0	36	1/8 3/8	Fully pd.
						June 1873
50000	Beilavista, s, Feru' Liu silares) Braganza, g, Brazil'*† Camp Floyd, s, Utah* Cesena Bulphur Company, Romanga, Italy* 1 Cesena Bulphur Company, Romanga, Italy* 1 Chestales a, Nicorpony* (and 12 542 of £1 15s.)	0 15	0			Oct. 1870
19000	Camp Floyd, s. Utah*	0 0	0			Fully pd.
35000	Cesena Sulphur Company, Romanga, Italy*	0 0	0			Fully pd.
50152	Chontales, g, s, Nicaragua*† (and 12,542 of £1 15s.)	2 0	0	3/8	56 78	Fully pd.
6000	Clifton, r, Colorado* Crescent, g, Plumas County, California*	5 0	0			Feb. 1872
10000	Crescent, g, Plumas County, California* 1	0 0	0			Fully pd.
						June 1872
10000	Donglas, s. Georgetown, Col	. 0	W			Fully pd.
7500	East Shebovgan Preference" (40,000) ordinary shares)	2 0	A			Fully pd. Dec. 1871
35000			0			Fully pd.
\$0000	Exchequer, g, v, California* Frontino and Bolivia, g, New Granada*t	1 0	0		1/ 1/	Fully pd.
\$5000	Frontino and Bolivia, g, New Granada*1	2 0	0	1/4	13 74	Fully pd.
<b>K</b> 00000	General Brazilian, 0"	E 10	0	***		Fully pd.
10000	Gnetzel Tunnel Co., Georgetown, Col		0			July 1873
40000	Holcombe Valley, g, California		0			April 1873
10000	Hudson, g, California*	1 0	0	_		Fully pd.
24000	Hustler's Comet, g, Australia	E 0	0			Fully pd.
20000	Imperial Brazilian Collieries, Brazil* I. X. L., q, s, California*	5 0	0			Fully pd.
20000	Tomali a Nicemagnes	9 0	0			Fully pd.
11000	Javali, 9, Nicaragua* Kansas, 9, Colorado*	5 0				Fully pd.
12000	Tangetree * / * Viscous Spain (\$2 shares)	1 7				Aug. 1873
165000	London and California att	2 0	0			Fully pd.
75000	Lanestosa, * l, z, Viscaya, Spain (£2 shares)  London and California, g*†  Malabar, g, Colombia* (55000 issued)	• 12	6			May 1873
4000	Malgas, l, Spain*  Malpaso, g, Colombia*  Menzenberg, c, Honnel, Germany*	0 0	0			Fully pd.
20000	Malpaso, q. Colombia*	1 0	0	11/4	36 11/8	Fully pd.
12000	Menzenberg, c, Honnef, Germany*	5 5				Fully pd.
1.40FH9	Montague & Waveriev Gold Quartz Crushing Co., A. Scot.	6 17	0			Allotment
6000	Monte Lereto, g, c, Italy*	5 0				Fully pd.
51000	Monte Lereto, g, c, Italy* New Quebrada, c, Venezuela*	5 0			314 314	Fully pd.
50000	New Rosario, s, Mexico*	1 0		3/8	1/4 //3	Fully pd.
20000	New Zealand Kapanga, g, Coromandel*		0	***		Fully pd.
10000	Newfoundland, " l 1	0 0				Fully pd.
20000	North American, g*. Pacific, g, z, Nevada (and reduced)*	4 0			1/4 1/4	Fully pd.
15000	Pacific, g, s, Nevada (and reduced)	7 0	0	216	3 354	Fully pd.
50000	Panulcillo, c, Chilist	0 0	0			Fully pd.
80000	Pestarena United, g, Italy*†	3 0		3/2	36 36	Fully pd.
20000	Rica, q, Colombia* (40000 issued)	9 10		91/	21/4 23/4	Aug. 1873
200000	Rio Tinto, c, Huelva, Spain Rossa Grande, g, Brazil (£1 shares)	0 19	0		2/4 2/4	July 1878
100000	Ruby Consolidated, s, Nevada*	0 0	0	PROF. 141		Fully pd.
60000	The standard Ctant	0 0	0		23/ 3	Fully pd.
SHEET OF	Con Podeo e Chilis	2 0	0		21/ 31/	Fully pd.
20000	Santa Barbara * a. Brazil	0 7	6		14 -14	Mar. 1872
15000	Sun Pedro, c, Chili* Santa Barbara, *g, Brazil Saturn, *, Utah* Sliver Plume, *, Colorado*	5 0	0			Fully pd.
10000	Silver Plume, s. Colorado*	1 0	0	-		Fully pd.
37500	Snowdrift, s, Colorado* St. John del Rey, Brazil*t	2 0	0	-		Fully pd.
2200	St. John del Rev. Brazil*t	00 0	0	160	155 160	Oct. 1872
25000	Star of Nevada, s* (12000 issued)	2 0	0			Fully pd.
20000	Star of Nevada, * (12000 issued)	0 0	0	3	21/2 21/6	Fully pd.
20000	Thornhill Reef, g, Australia* United Mexican, s, Mexico*11	1 0	0	34	3/4 3/4	Fully pd.
43174	United Mexican, s, Mexico 11	7	8	21/6	21/1 23/4	May 1868
14000	Utah, q, s-(, Utah* (&b sh.)		U	139	116 2	Fully pd.
#EGOO	Yorks Denisyula & South Anatyulia	H 63	D	46	86 86	Fully pd.

NON-DIVIDEND	MINES.
TIOTI TOTI TOTILE	THE RELEASE

HARE LIST.	NON-DIVIDEND MIN Shares. Mines.	Paid . Last Pr. Cus. Pr.	
ND MINES.	25000 Aberdaunant, ', Llanidloes* 10000 Aberystwith, 's-!, Cardigan 18000 Ambrose Lake, t, c* 12000 Asheton, !, Carnarvoushire*	1 0 0 234236 256 1 0 0 —	
st Pr. Clos. Pr. Total divs. Per share. Last paid 11 11 8 0 5 0 Apr. 1873 0 0 6 0 0 6 Feb. 1873	18000 Ambrose Lake, t, e*	5 0 0 43½ 3¾ 2 0 0 — 1 18 0 —	
5¾ 5¼ 5⅓ 0 2 0 0 2 0June 1873	12000 Bedford Consols, c, Tavistock	16 0 — 16 0 —	1
0 90 100 619 15 0 5 0 0 Aug. 1872 110 0 0 2 0 0 Jan. 1872	5000 Blue Hills, t, c, St. Agnes	17 6 — 0 0 0 2 1½ 2	
- 2 8 6 0 4 0 Mar. 1878 1½ 1¼ 1½ 4 16 3 0 12 6 Oct. 1872 1 4 0 0 4 0 Aug. 1872 1½ ½ ¼ 0 10 0 0 2 0 July 1878	20000 Brynambor, l, Cardigan	0 0	
1½ ½ ¼ 0 10 0 0 2 0July 1878 0 90 100 306 0 0 2 0 0July 1878 0 7 6 0 7 6 June 1873	30000 Burrow & Butson, * t, c, bl, St. Agnes 1 15000 Burra Burra, * t, c, bl, Kenwyn!	0 0 23/4 2 23/4 0 0 13/413/4 13/4	1
0 0 0 100 806 0 0 2 0 0 July 1873 0 7 6 0 7 6 June 1873 8 16½ 17½ 117 0 0 7 6 June 1873 2 1½ 2 116 10 0 0 13 0 May 1872 5 5 5 5 3 103 1 8 0 15 0 Aug. 1873 5 15 2 0 2 1 0 0 5 Aug. 1873	6000 Bwadrain, s-l, Cardigan* 5094 Bwlch Consols, s-l, Cardigan*] 12000 Cae Gynon, l, Cardiganshire*†	12 6 — 10 0 — 0 0 1 ½ 1	,
5 51 53 103 1 8 0 15 0 Aug. 1873 2 174 2 0 2 1 0 0 5 Aug. 1873 1½ 1¼ 1¼ 14 19 0 0 2 0 Oct. 1872	30000 Caldbeck Fells, I, Cumberland* 2 256 Calvadnack, I, Redruth	0 0 6 5 6	1
7 7 8 213 10 0 1 0 0 Apr. 1873 7 7 8 13 11 3 0 2 6 May 1873 0 1 0 0 1 0 May 1873	1000 Caradon and Phenix Consols, c   1   12000 Cardiganshire Old Bog, t*   2   2   2   2   2   2   2   2   2	10 0 2½ 3 2½ 18 4 —	2
80 15 0 0 10 0 Sept. 1872 14 1 14 0 13 0 0 5 0 May 1812 144 24 24 0 3 10. 0 3 0 Jan. 1873 542 1442 1542 16 1 0 0 10 0 June 1873	5584 Carn Camborne, c, t, Camborne 5 10000 Castle Gate, t, St. Colomb*	1 6 — 0 0 — 10 0 —	24 23
154 254 254 0 3 10 0 3 0 3 1 1 1 1 1 1 1 1 1 1 1 1	3000 Cefn Brwyno (lim. to £5)	10 0 — 0 0 —	1
134 134 134 0 1 0 0 1 0 Sept. 1873 134 134 134 15 19 6 0 2 6 June 1872 15 15 10 6 0 2 6 June 1872 15 10 6 0 15 0 Cet. 1872	24000 Court Grange, s l, Cardiganshire 0 24051 Crenver & Abraham*† (25949 sh. £1). 2	0 0 2 6 ¼ ¼ ¼ 0 0 ¼ ½ ¼	1
136 3 334 4 3 0 0 5 0Dec. 1872 36 0 3 11½ 0 0 6Mar. 1873 1 ¼ 1 0 2 0 0 2 0Jan. 1873	30000 Cwm Elan, l, Radnorshire*	0 0	•
	10000 Cwm Ricket and Maesnant, I, Mont. * 2   128 Cwmystwith, I, Cardiganshire! 60   15000 Deer Park, I, Tavistock 2   15000 Deerbighshire Consolidated, I* 3   280 Derwent Mines, 8-I, Durham! 300   1500 Deep Dong, I, Gulval 4   1500 Deep Deep Deep Deep Deep Deep Deep De	0 0	1
514 0 8 0 0 3 6July 1872 1	6000 Denbighshire Consolidated, l* 3 280 Derwent Mines, s-l, Durham?300 855 Ding Dong t Gulyal 49	0 0 0 0 14 6 6 5 6	1
7 0 7 6 0 2 6 June 1873 9 7 8 0 5 0 0 5 0 Nov. 1871 234 2 232 2 18 6 0 3 0 May 1873 39 19 10 0 4 0 Nov. 1872	280 Derwent Mines, 2-t, Durnam; 300 686 Ding Dong, t, Gulval 49 12000 Dolwen Consols, t, Cardigan* 1 6500 Drake Walls, t, c, Calstock 5 10000 Dunchy Great Consols, c, Calstock 5 10000 Dunkey W. Phonix, t, Linkin.* 2 15000 Dyliffe, *t, Montgomeryshire 6 612 East Basset, c, Redruth†; 65 600 East Black Crasic *t / Sextland 255	0 0 0 0 5 5 51/3 0 0 2 13/4 2	1
39 19 10 0 4 0 Nov. 1872 1 12 6 0 5 0 Mar. 1872 0 3 0 0 2 0 June 1873	10000 Dunsley W. Phœnix, t, Linkin.* 2 15000 Dyliffe, t, Montgomeryshire 6	0 0 814734 814	i
914 18 19 2 8 0 0 8 6July 1873	512 East Basset, c, Redrutht; 66 800 East Black Craig, * l., Scotland 25 8000 East Boscaswell, t, St. Just 5 4000 East Chiverton, l, Perranzabuloe 5	10 0 13 12 14 0 0 — 0 0 —	-
95 100 709 0 0 2 10 0 Aug. 1873	4000 East Chiverton, l, Perranzabuloe 5 12000 East Cwm Vron, l, Llanidloes* 2	10 6 — 0 0 — 0 0 —	-
5 \$5 100 709 0 0 2 10 0 Aug. 1873 3½ 3½ 3½ 0 10 0 0 2 8 July 1872 1 1 6 0 1 6 Nov. 1870 17 5 0 0 10 0 June 1872	2000 East Cwm Vron,   Lianidlees   2   2000 East Dolcoath, t, Illogan   10   15000 East Foxdale, s, l, Isle of Man*   1   6000 East Grenville, c, Camborne   6	0 0 =	26
0½ 9½ 10½ 0 10 0 0 10 0 May 1869 0 9 0 0 4 0 Nov. 1871 11½ 12 3 8 0 0 6 0 Feb. 1873	4000 East Gunnislake and So. Bedford, c., 13 50000 East Llangynog, /, Montgomery* 2 30000 E. Nant-y-mwyn, */, Brecknockshire. 1	13 0 0 0 0 0 34 %	
2¼ 11½ 12 3 8 0 0 6 0Feb. 1873 0 3 0 0 1 6Oct. 1872 46 48 45 3 6 1 0 0July 1873	12500 East Polberro, t, c, bl, St. Agnes 2 5610 East Seton, c, Camborne	0 0 2 0 36 36	
7 5 7 9 11 0 0 10 0 Nov. 1872 0 38 40 10 7 0 0 16 0 June 1873 8 6 6 1/4 52 10 0 0 5 0 June 1873	4000 East Gunnislake and So. Bedford, c., 13 50000 East Llangynog, f, Montgomery* 2 30000 E. Nant-y-mwyn,* l, Brecknockshire. 1 12:00 East Polberro, t, c, bd, 8t. agnes 2 5610 East Seton, c, Camborne 2 6000 E. Tywarnhalic and Croft Prince, t, c. 0 15000 East Wan, t, Llandiloes* 5 1906 East Wheal Lovell, t, Wendron*; 4 12900 Excelsior, t, c, Stoke Climsland 0 1200 Fedw, t, Llandiloes* 10 1200 Fedw, t, Llandiloes* 10	10 0 3½ 4 9 0 16 14 15	13
8 6 6½ 52 10 0. 0 5 0. June 1873 0 9 10 3 12 6. 0 5 0. Oct. 1872 0 32½ 35 638 10 0. 1 10 0. Aug. 1872 5 5½ 0 13 6. 0 2 5. Sept. 1872 11½ 12 10 15 6. 0 7 6. Aug. 1873	12800 Excelsior, 7, 2, Stoke Chimsland 0 1200 Fedw, l, Llanidloes* 10 12800 Florence and Tonkin United* l 0	10 6 ½ ½ 0 0 – 10 0 –	1:
1 11½ 12 10 15 6 0 7 6 Aug. 1873	12800 Florence and Tonkin United* i. 0   15000 Florence, f, Perranuthnoe*	0 0 1½1½ 1½ 0 0 0 0 1½1½ 1½	10
14 5 514 0 1 0 0 1 0 Jan. 1873 74 5 6 0 2 6 June 1873 522 10 0 4 0 0 Aug. 1872	10000 Franco Consols, t, e* 0 5000 Frank Mills, l, Christow 4	0 0 1¼1¼ 1¼ 17 0 1¼ 1¾ 2 6 0 —	-
	8000 Fronvellan, t, Mont. [2000 sh. 58. pd.] 1 12000 Furze Hill, t, Tavis. 1 5000 Gem, t, Whitchurch	0 0	15
72 0 1 6 0 0 6 May 1873 34 52 9 0 0 2 6 Mar. 1872	12500 Gilfach, s-l, Llangadoek	0 0	16
D MINES.	10000 Franco Consols, t, c*	10 0 0 0 12 6 34 4 34	8
74 2 2 1/2 1 1 0 0 2 6 Mar. 1873 74 74 1 0 4 3 0 1 0 May 1873 11/2 2 0 11 6 0 2 0 July 1873 1873	20000 Great East Foxdale, /, Isle of Man 1 30000 Great Harvest, t, c, St. Austell* 1	0 0 =	S
% 2% 2% 0 10 0 0 10 0 Nov. 1872 0 9 0 0 2 0 July 1873 0 17 4 0 8 0 July 1873	10000 Great Mountain, s-l, Carnarvon 0 22500 Great No. Laxey* (7500 pref.) 1 2000 Great Retallack, s-l, b, Perranzabuloe 3 25000 Great Snacfell, l, Isle of Man. 0	8 0 34 34 34	
56 0 0 0 10 0. Oct. 1872 342514 2614 13 15 0 1 0 0. Sept. 1873 134 2 0 5 0 0 2 6. June 1873	25000 Great Snaefell, I. Isle of Man	12 6 — 15 0 — 10 0 —	
1¼ 2 0 5 0 0 2 8 Jule 1873 0 6 0 0 1 0 July 1869 7 7¼ 0 16 0 0 4 0 Sept. 1873	4400 Gt. West Chiverton, s./ (8000 shares). 2 4096 Great Wh. Levell, t, Wendron	10 0 8 0 0 0 21/2 2 21/2	
34 7 712 0 16 0 0 4 0 Sept. 1873 14 314 314 0 8 0 0 2 0 Oct. 1871 34 12 5 2 5 9 0 2 0 Mar. 1872 4 4 12 1 0 0 1 0 0 July 1871	4966 Great Wh. Lovell, t, Wendron 2 15000 Grogowinon, t, Cardigan* 2 10240 Gunnislake (Clitters), t, c 5 16000 Hobb's Hill (£2), t, St. Neot* 2 16000 Hobb's Hill (£2), t, St. Neot* 2 16000 King 1, Scotland* (£1 shares) 0 16000 King Arthur, s, t, Tintagel 1 16000 King Arthur, s, t, Tintagel 1 16000 Lind Arthur, s, t, t, Callington 0 16000 Lind Well, t, Soil, t, Callington 0 170000 Ladywell, t, Soil, t, Callington 0 1700000 Ladywell, t, Soil, t, Callington 0 1700000 Ladywell, t, Callington	9 0 36 36 36	
54 334 354 3 12 0 0 6 0 Dec. 1872 74 154 174 2 7 3 0 2 6 Mar. 1873	6000 Hobb's Hill (£2), 7, 8t. Neot*	0 0 — 15 0 — 0 0 —	
74 154 174 2 7 3 0 2 6Mar. 1873 0 3 0 0 3 0April 1872 414 434 4 2 0 0 5 0July 1873	18000 King Arthur, s, l, Tintagel	0 0 — 1 0 — 10 0 3¾ 3¼ 4	
0 2 4 0 0 4 Oct. 1872	12000 Ladywell,* /, Salop	10 0 0 0 314 214 214	
34 124 134 1 11 6 0 1 6 MAR. 1813 1 0 5 0 0 5 0 Dec. 1872 0 4 0 Jun. 1873	1   1   2   2   2   2   2   2   2   2	14 6 1 % 1% 3 4 ¼ ½ %	
	6000 Medlyn Moor, t, Wendron	p.] – 0 0 – 9 6 ¾ ¼ ¼	
14. 67 7 7 1/4 0 4 0 0 4 0 April 1872 15. 11/4 11/5 8 per cent May 1873 14. 3 51/4 1 4 0 0 2 0 June 1873	4000 Nanty, l, Montgomeryshire*	0 0714 814	
14 14 12 0 12 2 0 5 0 June 1871 14 51/8 53/4 2 3 0 0 5 0 Sept. 1873 0 5 0 0 2 6 Nov. 1872	8000 New Dolcoath, t. c. Camborne* 3	0 0 214 2 214	
26 10 0 5 0 0Dec. 15/2	2000 New Hendra ! Breage	10 0 3 6 1½1½ 1¾ 0 0	
Paid. Last Pr. Clos. Pr. Last Call.	5000 New North Van, I, Llanidloes 1 5000 New Rosewarne, c, Gwinear 3 3000 New Silver Rake, t,I, Flintshire 5 1200 New West Rosewarne, t, Gwinear 5	2 0 1½ 1 1½ 0 0 0 0 2 1 1½	
	5000 New Wheal Charlotte, t, c*	16 6 11/2 1 11/2	
2 10 0 34 1/2 34 Fully pd June 1873 Oct. 1870	1200 New Wh. Seton, c, Camborne 36 512 North Busy United, t, c, Kenwyn 2	16 8 1 34 1	
9 0 0 W 54 74 Fully pd.	5610 North Wheal Crofty, c, Illogant	19 6	
10 0 0 Fully pd.	895 North Roskear, c. Camborne	5 0 2½2½ 2½ 9 0 5 4 5	
• 0 17 6 — Fully pd. 1	2000 North Tankerville, I, Salop*	0 0 11 11 11 11 11 11 11 11 11 11 11 11	
6 0 0 — Dec. 1871 1 0 0 — Fully pd. 1 2 0 0		10 0	
	17000 Old Treburgett, s-l. (\$\frac{8}{6}000 \text{pref.} 10s. f. pd)   1	0 0 % % % 0 0 % % %	
3 0 0	256 Pendarves United, t, c, Camborne105 1731 Penhale Wheal Vor, t, c, Helston 18 2000 Pennerley, t, Shropshire* 2	5 0 — 15 0 — 0 0 2156 176	
	2000 Pennerley, l, Shropshire* 2 5000 Penrhyn, l, Carnaryonshire* 2 6000 Penstruthal, l, c, Gwennap. 2	0 0 11/4 1/4 11/4	
5 0 0 — Fully pd Aug. 1873 Fully pd Fully pd Fully pd Fully pd Fully pd Fully pd	2000   Perrit   2000	0 0 1/2 1/4 1/4	
10 0 0	100   100	5 0 16 16 16	
5 5 0 Fully pd	2000 Polereho, c, Hayle 5 1000 Polhigey Moor, t, Wendron 3 2000 Prideaux Wood, t, Llanivery 5	10 0 = 10 0 =	
5 0 0 3½ 3½ 3½ Fully pd. 1 1 0 0 ½ ½ ½ Fully pd. 1	2800 Prince of Wales, c, Calstock 1 1 8000 Reafadda, c, Tipperary 1 2877 Redmoor, c, f, Callington 3	0 0	
	2200 Prince of Vales, c. Austros.	0 0 2 2 21/	
4 0 0 21/ 3 31/2 Fully pd.	good Rosewarne United, c, t, Gwinear 0	15 0 34 34	
3 10 0 31/2 21/4 21/4 Aug. 1873	6123 South Condurrow, t. c, Camborne I 6	6 0 5% 6% 6% 6%	
10 0 0 4½ 2½ 3Fully pd.	6000 South Fowey, f. c, Tywardreath 2	0 0 9 8 9 8 6 — 14 6 1 ¾ 1	
5 0 0 Fully pd. 1	2000 South Kit Hill, t, Callington* 1	0 0	-
1 0 0 Fully pd	700 South Margaret, t, Ludgvan	10 0 13613/ 13/ 0 0 — 0 0 —	
2 0 0Fully pd.	2000 South Plynlimmon, /, Llanidloes* I	7 6 — 10 0 1½1½ 1½ 0 0 5 6½ 7	-
28 7 8 2½ 2½ 2½ May 1868 4 0 0 1¾ 1½ 2 Fully pd.	6000 South Tolearne, ', c, Camborne 0 2000 South Van, ' /, Montgomeryshire 1	12 6 1 ¾ 1 0 0 — 12 0 —	
1 0 0	937 South Wheal Crofty, c, Illogan 36	0 10. 25231/2 25	

# NON-DIVIDEND MINES.

	THE PARTY OF THE P	,	continu	had
۲.	Shares. Mines.	1	David .	440
1		90	Paid. Lo	at Pa
•	6000 South When Kitty & St. Agner	04		8
	4000 St. Amos Consols 4#	0		~
,	1 1000 St. Agnes Consols, 2	- 4		44
	14000 St. Blazey 7. (23 108. shares)	. 2		* 7
	62000 St. Breward Consols, * c, s, Cornwall	1		27
	20000 St. Dennis Consols, t, St. Dennis.	i	0 0	-
	6000 St. Lawrence, Amal., /. Flintshire*		0 0	3
	16000 Success &c / Deeb (12 000/ collect	2	0 0	3
	19000 Bureau Consols of Life. To	1	0.0	11
	12000 Tamar Consols, 5-1, Luton, Devon	1	0 0.	13
	3579 Tamar Valley, 3-1, Beeralston	1	7.6	
	4000 Teign Valley, l, bar., Bridford	1		-
	3526 Tin Valley, St. Neot	î	0 0	-
	5000 Treleigh Wood, t. Redruth		9 6	-
	1024 Treleigh Wood United & Redmith	3		-
	3879 Tamar Valley, 3-t, Beeralston 4000 Teign Valley, t, bar., Bridford 3526 Tin Valley, 8t. Neot 5000 Treleigh Wood, t, Redruth 1024 Treleigh Wood United, t, Redruth 547 Treleigh Consols	1		13
	541 Trelyon Consols 12000 Trethellan, s-l, Crantock* 17000 Tresellyn, t, Altarnun 15000 Tretoil,* t, i Bodmin 1343 Trevarrack, t, c, Uny Lelant 200 Tucker's Downs, Camborne 12000 Tyllwyd,* s-l, Cardigan	13	0 0	
	12000 Trethellan, s-t, Crantock*	2	0 0	•
	7500 Tresellyn, t, Altarnun	2	10 0	-
	15000 Tretoil, * t, i, Bodmin	9	0 0	-
	1343 Trevarrack, t. c. Unv Lelant	- 7	0 0	- 23
	200 Tucker's Downs Cambonne	•	2 6	25
	18000 Tulimed # a / Cardinar	- 2	0 0	-
	12000 Tynwyn, 8-1, Cardigan	1		14
	6000 Unity Wood, t, c, Kenwyn	3		17
	15000 Van Consols, l, Llanidloes*	2	10 0	13
	1000 Vaughan, s-l, Cardigan	7	0 0	03
	200 Tucker's Downs, Camborne 12000 Tyllwyd, *s./, Cardigan 8000 Unity Wood, t, c, Kenwyn 16000 Van Consols, t, Llanidloes*. 1000 Van Charles, t, Cardigan 20000 Victoria, t, Perranzabuloe 20000 Victoria, t, Perranzabuloe 20000 Victoria, t, Flintabirse	:	0 0	-
	25000 Vron United, s-l, Flintshire	1	0 0	-
	and the same of th	- 4	0 0	-
	30000 Welsh, /, Cardigan*	1	0 0	1110
- 1	6000 West Basset, c, Illogan†1	3	16 8	0
-	110592West Caradon, c, St. Cleer*†!	1	1 0	v
- 1	100 West Condurrow, t.c. Camborne	6	0 0	-3
- 1	12800 West Drake Walls, c. Calstock	0	24.0	-
- 1	10000 W Fagair Lle / Card #(1000	U	14 0	4
- 1	food W. Lagari Lie, t, Card. (1000 reserve)	2	0 0	4
- 1	110592West Caradon, c, St. Cleer*†; 100 West Condurrow, t,c, Camborne 12800 West Drake Walls, c, Calstock 10000 W. Esgair Lle, l, Card.*(1000 reserve) 5000 West Godolphin, t, c, Breage 12900 West Gogian, *Cardiganshire 15164 West Great Work t, Breage	1	6 0	-
- 1	12000 West Goginan, "Cardiganshire	2	0 0	_
- 1	5164 West Great Work, t, Breage	4	2 6	-
- 1	1000 W. Gwennap Consols, t. c. Gwennan	R	0	13
- 1	8750 West-Jewell & Gwennan * (prof 1/prof	. 0	0 0	-
- 1	10000 West Llangunos at Montage	.)2	0 0	13
- 1	1000 W. Gwennap Consols, t., G. Gwennap 8750 WestJewell, t., Gwennap "(pref. ½)prem 10000 West Llangynog, s.t., Montgomery 12000 West Maria & Fortescue, t, c, Lamer, 50000 West Milw, t. Flint	2	0 0	-
- (	12000 West Maria & Fortescue, t, c, Lamer.	4	7 6	3
- 1	50000 West Milwr, s-l, Flint	1	0.0	- 7
- 1	12000 West Pant-y-Go, s-l, Flint*	1	0.0	-
- 1	2000 West Phoenix, t. Linkinhorne	0	13 0	3
- 1	2500 West Pollyroon / St Agnes	0	13 0	3
- 1	topon West Postern ( at 1) . Committee	3	0 0	-
- 1	10000 West Roskear, t, s-t, ot, c, Camborne	0	6 0	-
- 1	12000 West Stiperstones, I, Salop*	1	0 0	-
- 1	12000 West Tankerville, I, Salop*	3	0.0	91
- 1	512 West Tolgus, c, Redruth	89	0.0	33
- 1	2000 West Wheal Lucy, t. c. Lelant	1	10 0	273
- i	2000 West Wheal Gorland to		10 0	-
- 1	400 West Wheal Seten a Cont	9	0 0	3
- 1	does Wheel Ame a The Camborne	05	15 0	423
- 1	6000 Wheal Agar, c, Illogan	9	12 0	-
- 1	6000 Wheal Alice, t, Uny Lelant	0	10 0	_
- 1	6000 Wheal Argus, t, Sancreed	0	10.0	11
-	10000 West Liangynog, s-t, Montgomery. 12000 West Maria & Fortescue, t, c, Lamer, 12000 West Milwr, s-t, Flint 12000 West Pant-y-Go, s-t, Flint 12000 West Phrenix, t, Linkinhorne 12000 West Phrenix, t, Linkinhorne 12000 West Polbreen, t, St. Agnes 10000 West Stiperstones, t, Salop* 12000 West Stiperstones, t, Salop* 12000 West Tankerville, t, Salop* 12000 West Mreal Guer, t, Celant 12000 West Wheal Gorland, t,c 1000 West Wheal Seton, c, Cambornet 1000 West Wheal Seton, c, Cambornet 1000 Wheal Agrat, c, Hlogan 1000 Wheal Agrat, c, Hlogan 1000 Wheal Argus, t, Sancreed 1000 Wheal Argus, t, Sancreed 1000 Wheal Coates, t, St. Agnes 1000 Wheal Coates, t, c, Buckfastleigh 1120 Wheal Grambler, c, t, Bedruth 12040 Wheal Grambler, c, t, Redruth 12040 Wheal Jane, t, Kes	1	0.0	13
1	741 Wheal Basset and Grylla !	0	13 6	****
	\$19 Wheal Ruller c. Rodenth to		10 0	-
- 1	2000 Wheel Center A St. American	55	5 0	13
- 1	6000 Wheat Coates, t, St. Agnes	2	0 0	-
	6000 Wheal Crebor, c, Tavistock	4	1 0	3;
- 1	8000 Wheal Emma, t, c, Buckfastleigh	1	5.0	_'
- 1	5120 Wheal Grambler, c, t, Redruth	0	7 0	3
- 1	2048 Wheal Jane, t, Kea	9	13 10.	-
- 1	12000 Wheal Jewell, c. Marazion	-		3
- 1	2000 Wheat Sewell, C. Marazion	1	1 0	-
-1	2048 Wheal Kitty, t, Unv Lelant	3	10 6	-
	2004 Wheal Jamel I, Ken Light 12000 Wheal Jewell c, Marazion 2048 Wheal Kitty, t, Uny Lelant 5000 Wheal Lucy, t, Phillack 12000 Wh. Mary Hutchings, t, Plympton 1000 Wheal Ophorar t, Foward 1000 Wheal Ophorary t, Foward 1000 Wheal Wheal Wheal Wheal W	1	7 0	111
-	12000 Wh. Mary Hutchings, t, Plympton.	0	5 0	35
	1000 Wheal Osborne, t, Crowan	3	0 0	1
1	2000 Wheal Peevor, t. Redruth	9	0 0	1
1	10000 Wheal Ruby ! Ludgvan		0 0	1
1	4500 Wheel Spannen & Budgett	1	0 0	-
1	and wheat sparnon, r, nearnth	4	0 0	-
	1000 Wheat Speedwell, !, c, Breage	1	0.0	-
1	4096 Wheal Uny, t, c, Redruth	12	9 6	33
1	6000 Wheal Vincent, t, Alternup	1	7 6	-
1		2	0 0	_
	8000 White Works, 7, Dartmoor*			
1	19000 Willoughby / Llangust	5	0 0	_
	8000 Willoughby, I, Lianrwst	2	10 0	=
	12000 Wh. Mary Hutchings, t, Plympton. 1000 Wheal Osborne, t, Crowan 5000 Wheal Peevor, t, Redruth 10000 Wheal Ruby, t, Ludgvan 4568 Wheal Sparnon, t, Redruth 1000 Wheal Spardwell, t, c, Breage 4006 Wheal Uny, t, c, Redruth 6000 Wheal Vincent, t, Alternun 8000 White Works, t, Dartmoor* 12000 Wildunghby, t, Llanrwst 12000 Wildunghby, t, Llanrwst 12000 Wood Close & Polgooth, t, St. Mew.*	2 2 5	10 0 10 0 0 0	25

IRON AND COAL COMPANIES.				
Shares. Company.		nid.		P
£100 John Abbot and Co. [L.]	£75	0	0	11/4
100 Ashbury Co. [L.]	90	0	0	27%
10 Benhar Cool Co. [L.1	7	0	0	. 7
50 Bilhao Iron Ore Co. [L.]	25	- 0	0	. 6
50 Blaenavon Iron and Steel Co. [L.] 100 Bolckow, Vaughan, and Co. [L.]A	- 87 35	10	0	25
20 Ditto ditto B	30	0	0	2436
50 Britannia Ironworks [L.]	25	0	0	
	20	0	0	614
100 Cammell and Co. [L.]	70 80	0	0	. 22
10 Cardiff & Swansea St. Coal Co. [L.].	3	0	0	. 314
10 Cardigan Steel and Wire Co. [L.]	2	10	0	1
50 Charlton Iron Co. [L.]	50	10	0	. 1%
50 Chatterley Iron Co [L.]	40	0	0	. % d
10 Chillington Iron Co. [L.]	10	- 0	0	736
1 Clee Hill Colliery Co. [L.]	7	10	0	20
10 Carringan steel and wire Co. [L.]  50 Charlton Iron Co. [L.]  50 Charlton Iron Co. [L.]  50 Charlteley Iron Co. [L.]  10 Chillington Iron Co. [L.]  11 Clee Hill Colliery Co. [L.]  12 Consett Iron Co. [L.]  13 Consett Ryanish Ore [L.]  20 Davlington Iron Co. [L.]  21 Davy Byrothers [L.]	í	0	0	* 14
50 Cooke, William, and Co. [L.]	10	0	0	% d
20 Darlington Iron Co. [L.]	10	0	0	121/2
15 Davy Brothers [L] 32 Ebbw Vale Co. [L.]	29	0	0	. 6
	5	0	0	11/4
20 General Mining Association [L.]	20	0	0	11
2 Gwyngwillim Colliery Co. [L.]	3	10	0	%
o Fairnaire Engineering O General Mining Association [L.] Glasgow Port Washington [L.] Glasgow Port Washington [L.] Hopkins, Gilkes, and Co. [L.] Hopkins, Gilkes, and Co. [L.] Ince Relling Mills [L.] Line Republicant Scott	10	0	0	11%
10 Ifton Rhyn Colliery Co. [L.]	2	10	0	1 dis.
10 Ince Rolling Mills [L.] 10 John Bagnall and Sons [L.]	8	0	0	*
10 John Bagnall and Sons [L] 5 Littledean Woodside Coll. Co. [L] 10 Lydney and Wigpool Iron Ore [L] 10 Lydney and Wigpool Iron Ore [L].	5	0	0	
50 Llynvi, Ogmore, & Tondu Co. [L.]	42	0	0	4
10 Lydney and Wigpool Iron Ore [L.] 10 Marbella Iron Ore Co. [L.]	10	0	0	814
	3	10	0	36
6 Mersey Steel and Iron Co. [L.]	5	0	0	F
5 Mold Argoed Colliery Co. [L.] 10 Monkland Iron and Coal Co. [L.]	10	0	0	134
10 Midland Iron Co. [L.]	5	0	0	9%
4 Mwyndy Iron Ore [L.]	3	10	0	21/4
100 Nant-y-Glo and Blaina (8 p.c. pref.) 10 Native Iron Ore [L.]		0 0	0	par par
10 Neepsend Rolling Mills [L.1.	7		0	134
1 Nerbudda Coal and Iron	0		0	29
10 No. of Ireland Iron Company [L.]	3	0	0	1%
10 Northmptn. Coal, Iron & Wagon [L.] 10 Northfield Iron Co. [L.]	3	0	0	% d
35 Palmer's Shipbuilding and Iron [L.]	25	0	0	91/4
100 Parkgate Iron Co. [L.]	10	0	0	25
20 Patent Shaft and Axietree [L.] 20 Pelsail Coal and Iron [L.]	5	0	0	par
50 Phonix Resserver Co II. 1	30	0	0	1
I Port Gaveron Iron [L.]	1	0	0	par 40
50 Rhymney Iron Co. [L.] 100 Sandwell Park Colliery Co. [L.]	50 80	0	0	160 1
50 Shotts Iron Co. [L.]	50	- 0	0	
	55	0	0	40
100 Sheephridge Iron and Coal [L.] 10 Sheefield Forge and Rolling Mill [L.] 5 Silkstone Fall Colliery Co. [L.] 20 Skerne Ironworks [L.] 100 Staveley Iron and Coal Co. [L.] 100 Ditto ditto New	4	10	0	3
20 Skerne Ironworks [L.]	15	0	0	1
100 Staveley Iron and Coal Co. [L.]	60	0	0	
100 Ditto ditto New	10	0	0	
10 Stranton Iron and Steel Co. [L.] 20 South Cleveland Ironworks [L.]	7 20	0	0	
100 Thames Iron Company	100	0	0	9
756 Titanic Iron and Steel	. 5	0	0	M die
20 Ulverston Mining Co. [L.]	10	0	0	î
16 Vancouver Coal [L.]	100	0	0	25
	50	0	0	186 1
25 W. Cumberland I. and Steel [L.]	20	0	0	196 1
5 7 Omensea Colliery Co. [L.]	10	0	6	
50 Weish Ironworks Co. [L.]  5 W. Cumberland I. and Rieel [L.]  5 Z. Cumberland I. and Rieel [L.]  5 Z. Cumberland I. and Rieel [L.]  10 E. Tron Co. [L.]  10 W. S. histon Coal Co. [L.]	70	0	0	35
100 Wigan Coal and Iron Co. [L.]	75	0	ð	
	***			
MISCELLANEO	US.			1814 1
		0		

MISCELLANEO	UD.		
10 Anglo-Mexican Mint	10 25 25	141/	
10 Huntingdon Copper and Sed Co. 5 Patent Gunpowder 10 Silber Light (ord, sh., 10 Tharsis Sulphur and Copper Co 10 Young's Paraffin Light.	10	0 0 2 0 0 41 10 0 7	

b, blende; cl, coal; c, copper; g, gold; l, lead; s, silver; s, sl, cliver: lead; l, tin; z, zinc.

\* Limited Liability Companies: † quoted on the Stock Ess
| have paid dividends.

London: Printed by RICHARD MIDDLETON, and publish HUNRY ENGLISH (the proprietors), at their offse, 26, STREET, E.C., where all communications are requised addressed.—September 13, 1878.